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THE SATURDAY EVENING POST

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Medical Mystery

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Does Lysine Stop Herpes?

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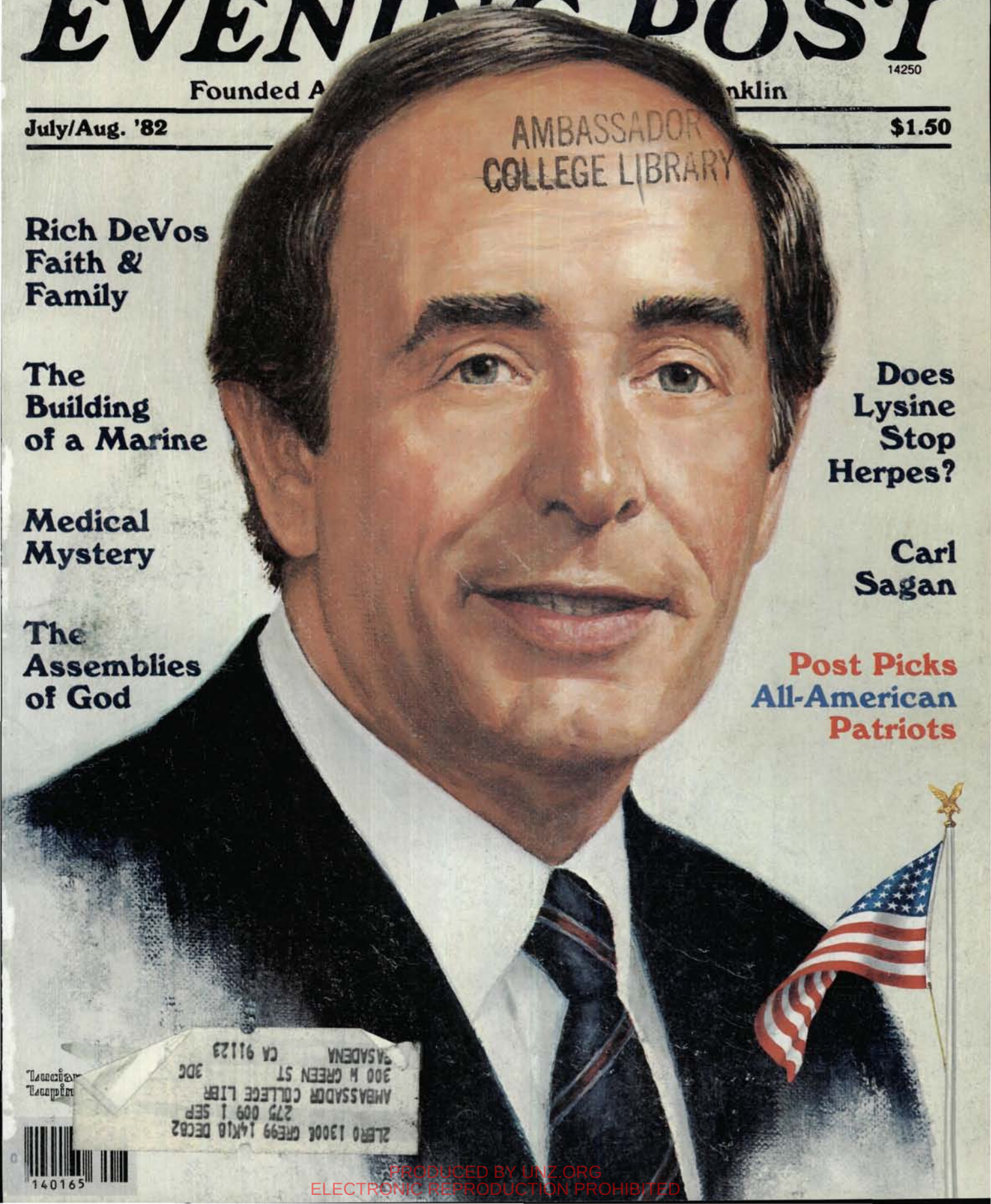
Post Picks All-American Patriots



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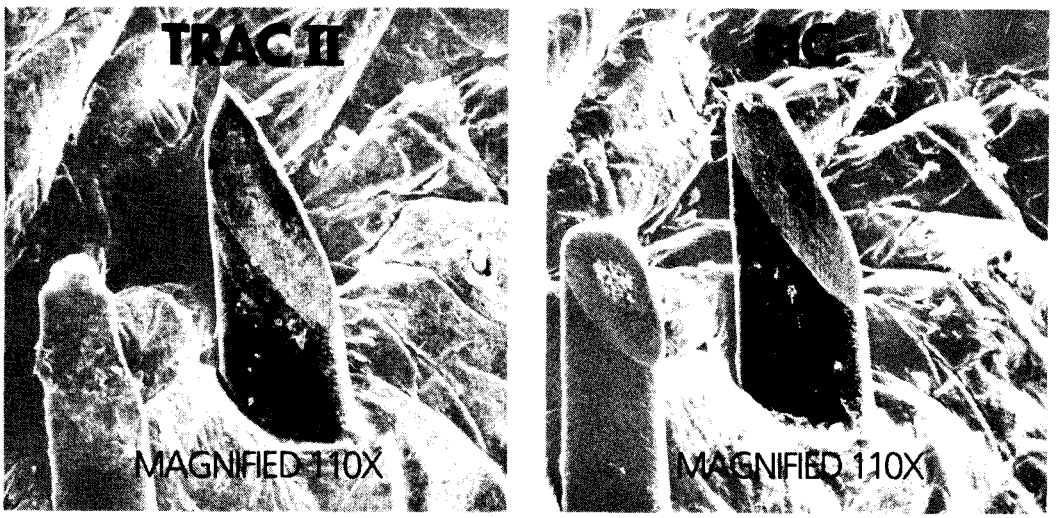

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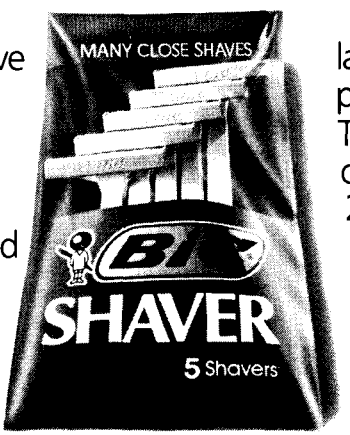

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*Suggested manufacturer unit retail price.

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Post Picks Patriots

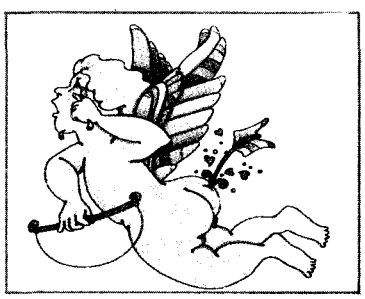
They love God and their country—they show the flag in dissimilar ways. 50

Rich DeVos: Believer

Faith in God and country, a disarming wit and Amway make him an easy winner. **56**

Drive a Tough Bargain

American cars are expected to suit everyone from hot-rod enthusiasts to the family dog. 66



Herpes Epidemic

For many, inexpensive lysine plus a low-arginine diet stops genital and oral herpes. **28**

THE SATURDAY EVENING POST

FOUNDED A.D. 1728

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TABLE OF CONTENTS, JULY/AUGUST 1982

Vol. 254, No. 5

FEATURES

He Rode Herd on American Ideals (John Wayne) ..... *Michael Allen* 16
Chariots of Fire: From Dark Horse to Thoroughbred ..... *Blair Austin* 18
The Presidents' Call to Prayer 26
Does Lysine Stop Herpes? ..... *Cory SerVaas, M.D.* 28
Collectors Bullish on Plates ..... *Holly Miller* 30
The Collectible Craze ..... *Anthony DeMasi* 34
The "Candy" That Kills ..... *Berton Roueché* 38
A Gourmet Shakes the Salt Habit ..... *Ted Kreiter* 42
Our Modern Patriots ..... *Charles Paul Conn* 50
Rich DeVos: Faith and Family ..... *Frederic A. Birmingham* 56
A Parasite Mystery ..... *Berton Roueché* 60
Why Buy an American Car? ..... *Matthew Stevenson* 66
What to Do for a Choking Child ..... *Henry J. Heimlich, M.D.* 74
The Making of a Marine ..... *Diane Dalbey* 76
My Wife—and Other Garden Pests ..... *Maynard Good Stoddard* 78

DEPARTMENTS

Letters 6
Post People 14
Adventures of the Mind: Can We Know the Universe? ..... *Carl Sagan* 44
Sports: Pete Rose: The Phillies' Hard-Line Hitter ..... *Hank Nuwer* 64
Religion: Assemblies of God: On the Way Up ..... *Edward E. Plowman* 70
Post Scripts 82
Antique Shoppe 94
Food: Keep Cool with Avocado Salads ..... *Christopher Erwin* 102
Travel: Where in the World? 106
Photo Contest 121
Medical Mailbox ..... *Cory SerVaas, M.D.* 122

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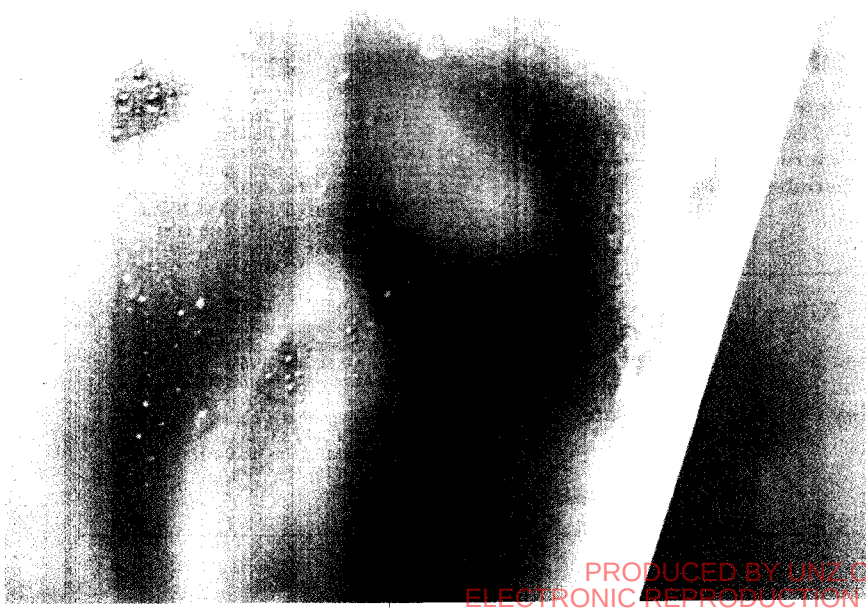

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On the Way Up

New churches of the Assemblies of God are opening around the world at the rate of almost one a day.

70

Collectormania

They've added a new dimension to Norman Rockwell, put Snoopy on a music box and Miss Piggy on a plate.

34

Medical Mystery

All dinner guests had eaten high on the hog, but it was the kitchen aides who were laid low after the pork feast.

60

For the Records

The Phillies' Pete Rose is hoping within three years to make several pages of the baseball record books obsolete.

64

Box Offices on Fire

Theaters are still packing them in to see Hollywood's Best Picture of the year—Chariots of Fire.

18

Making Marines

The U.S. Marines may be destined to fight on foreign shores, but their toughest landing is at boot camp.

76

Killer "Candy"

When he had a temperature, his mother gave him "candy" (baby aspirin). Later, he ate them all and died.

38

EDITORIAL
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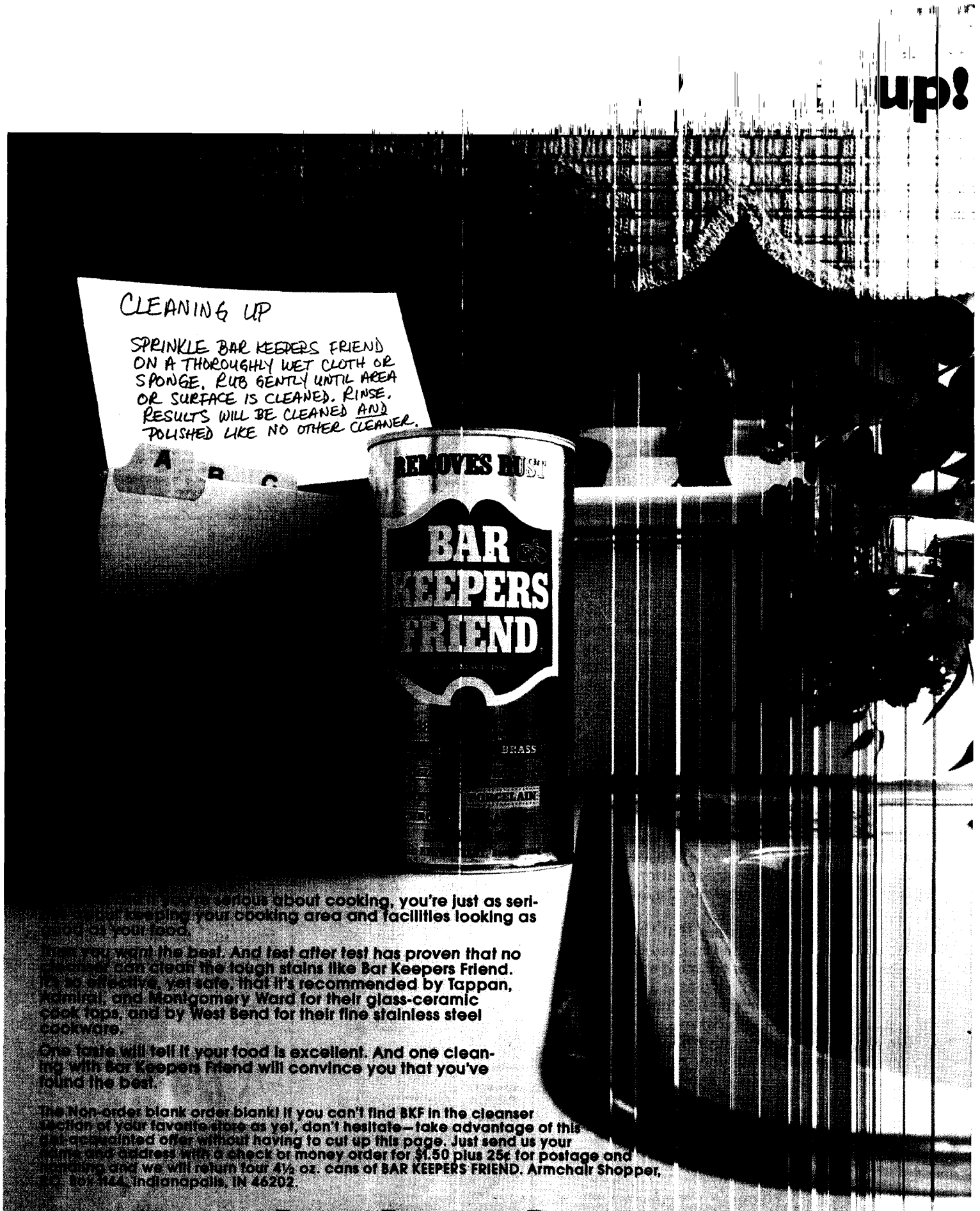
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Letters to the Editor

Dr. Koop on Circumcision

I read the article on circumcision by Dr. Otten (December '81). Having been in pediatric surgery for more than 35 years, I have watched this controversy come and go. As a matter of fact, one of my own former partners, Dr. John Duckett, has been just as outspoken as Dr. Otten on this subject. The medical facts that Dr. Otten referred to I think most people would agree with today, but I am still very much aware, as one who dealt with 100,000 children, of the psychological problems that do occur in families with two little boys, one of whom is circumcised and one of whom is not. All of the Western world except the United States raises its children uncircumcised and it seems logical that, with the extent of health knowledge in those countries, such a practice must be safe.

C. Everett Koop, M.D., Surgeon General
Washington, D.C.

More Like Dr. Koop

What a pleasure it was to read your excellent article on Dr. C. Everett Koop, U.S. Surgeon General. Would that we had more people in the medical profession as dedicated and outspoken in reference to human life as he is. May God bless his efforts and give him many more years to continue his wonderful work.

Anne E. McDermott
Hatboro, Pennsylvania

Kidney Stones

I have read several items in your column about Dr. Chaussy's shock-wave therapy for kidney stones. I was especially pleased to see that you could provide information about this treatment. Please send me the latest information available.

In one article you mentioned that this treatment might be available in the United States by the end of 1982. Please tell me if this possibility is materializing. If so, please advise me whom I should contact for information and possible inclusion in the program.

I greatly appreciate your prompt response to my inquiry and await your reply.

Mrs. Hope Jenkins
Marlton, New Jersey

Arrangements are being made to install the Lithotripser (stone crusher) at Methodist Hospital in Indianapolis in 1982 or 1983. Patients with kidney stones in their kidney or lodged in the kidney pelvis could be candidates for treatment to remove the stone extracorporally (from outside the body through

Continued on following page

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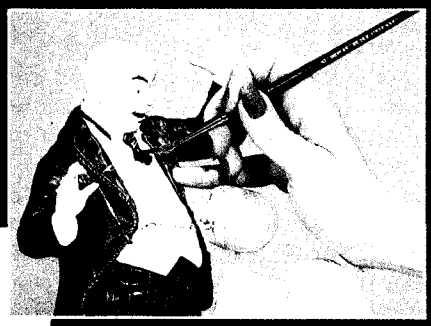

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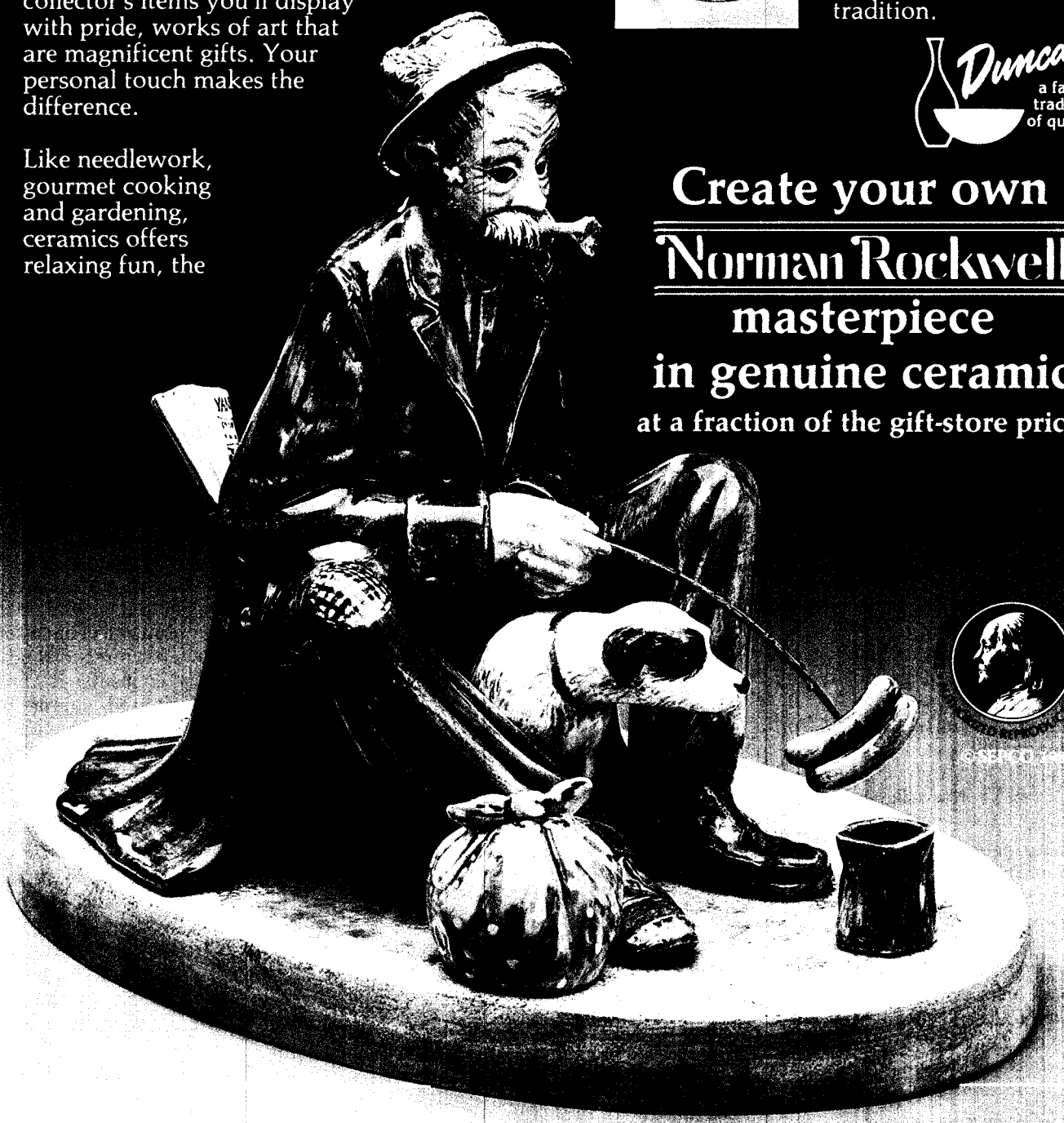

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specially propagated wave forms).

We know of no other successful kidney-stone-pulverizing equipment except for this machine, which is in operation in Munich, Germany.

The Kidney Stone Formers Club is sending you information and you may contact Drs. Joseph Daly or Cory SerVaas at The Saturday Evening Post Society in Indianapolis if you have additional questions.

About That Gout. . . ?

In the April '82 issue, there appeared a short article entitled "Ben Franklin Has It Out with His Gout"; however, no author was given. Our English teacher would like to know who wrote this delightful dialogue.

Sandra Richardson
Grapeland, Texas

Ben Franklin himself was the author of the dialogue with his gout, proving that the great man was not above poking a bit of fun even at his own infirmities, at the same time, perhaps, teaching others a valuable lesson on health and exercise.

Prongs for Mr. Hoving

Regarding the article "Table Manners for Teens" by Walter Hoving in your April 1982 issue: What makes Mr. Hoving think he is an authority on table manners?

Perhaps his flatware does not bear a trademark, but well-bred people do not use their silver forks in such a way that the company's name is up and the pattern down while they are eating.

As for placing the fork on the plate with the prongs down, tsk, tsk!

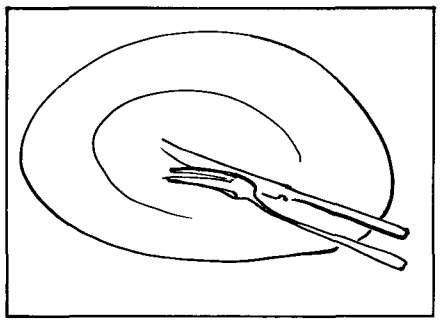
I did expect better quality from your magazine.

A. Properzi
Norwalk, Connecticut

Having never learned the silverware semiphore signals ourselves, as described by Mr. Hoving, we, too, were curious about his background for elucidating on table manners. Upon investigation, we find that his blood is so blue it can be traced back to several royal lines in jolly old England, one line boasting no less a personage than Harold II, who changed the course of history by getting himself shot in the eye by an arrow at the Battle of Hastings.

Although these were the times when royalty was accustomed to lying down at the table and using its dogs' tongues for finger bowls, Mr. Hoving's line has, over the years, become refined to the point where today he is truly an accepted authority on where the tines should go.

Walter Hoving, former Tiffany chairman and authority on manners.



The "finished" position.

Another of Our Boys

Today a friend of mine gave me a copy of your magazine. When I opened it up and saw the story in "Keeping Posted" on President Reagan (April '82), I thought to myself that I, too, can claim membership in the Our Boys alumni club. I used to deliver the *Post* to people in the neighborhood where I lived and grew up. I joined the Boy Scouts when I was 12, and as my mother could not afford to buy me a Scout ax and knife, I earned them selling the *Post.* What a lot of memories that story brings back!

John W. Clark
Albany, New York

Our Girls, Too!

Re: Our Boys. I'm wondering if you knew that there were some "Our Girls," too?

In 1931, I was 14. I sold *Saturday Evening Posts* and carried a bag like the one pictured(April '82, Letters page).

I'm sure there must have been other girls who sold *The Saturday Evening Post* during the Depression years.

Please don't overlook us.

Celeste Kirkman
Lewisville, North Carolina

Potent, but No Prude

Hurrah for C. S. Lewis! Though his article "We Have No Right to Happiness" (April '82) was no doubt timely when first written, it is more so today in light of the sexual revolution since his death. Lewis was no "prude" when it came to sex, but he did evidence sensible moral behavior and was unafraid to face its opponents head-on. As the 20th century's foremost Christian author, he assuredly remains a potent testimony to the fact that sound morals (and Christianity) are still adhered to by individuals of great talent and honest intellect.

D. Vaughn Harbin
Ming's Bight, Newfoundland

Please, More Cousins!

About to try my hand at freelance writing, I purchased a substantial number of magazines to get a feel for the type of material being solicited. I had been totally unfamiliar with your magazine at the time of purchase. Although *The Saturday Evening Post* may have initially found its way into my home as a potential vehicle for my writing, now, having thoroughly perused its content, it has become an anticipated source of reading enjoyment every month.

Your feature articles are most informative, your fiction stories most captivating and your departments/columns section an excellent grouping of items of interest.

Norman Cousins' "Adventures of the Mind: Healing and Belief" (April 1982) was of particular interest to me. I have always been intrigued by the untapped powers of the mind. Please, more articles by Cousins about will power and health!

Joan Schifano
East Hanover, New Jersey

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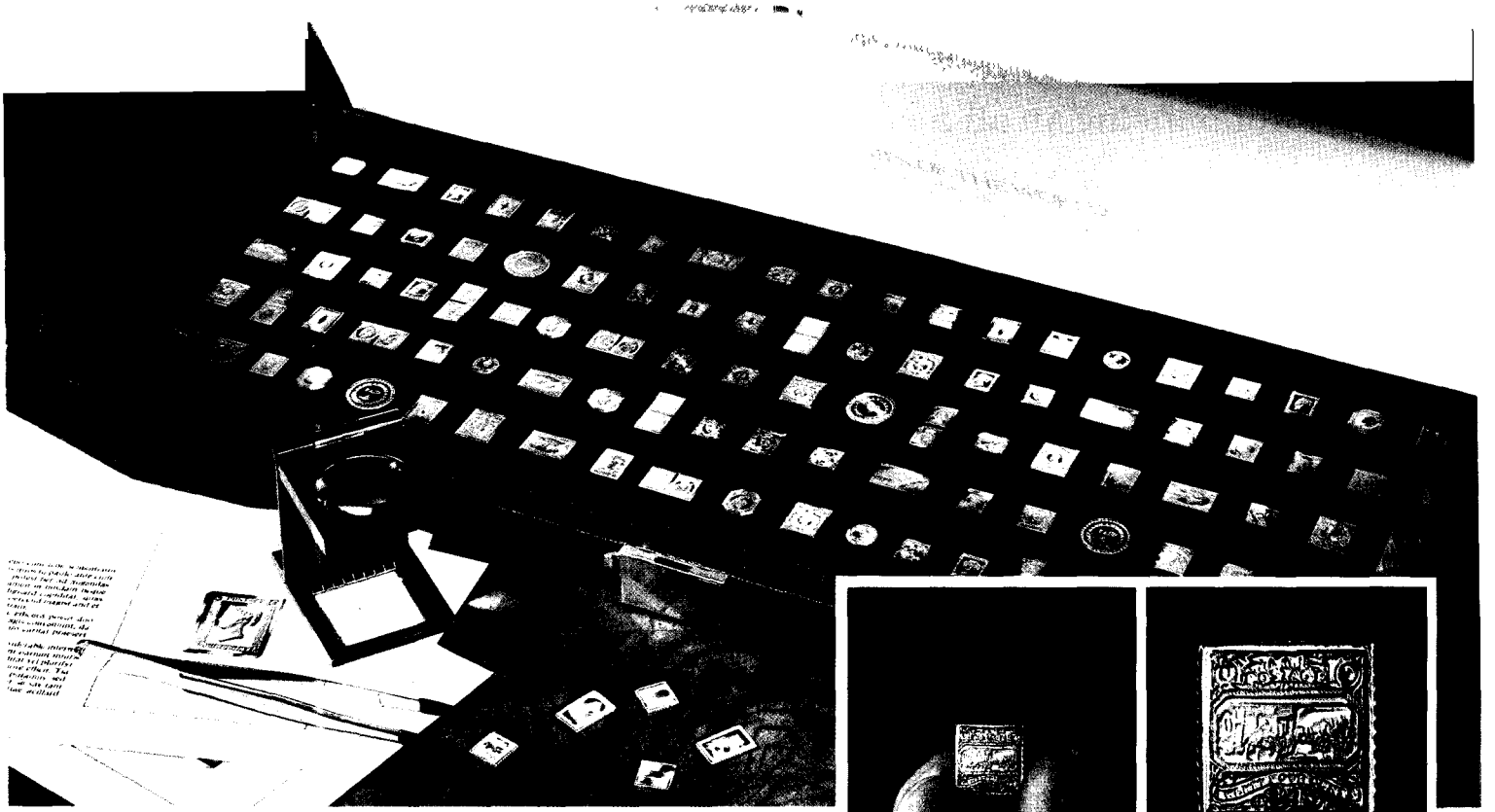

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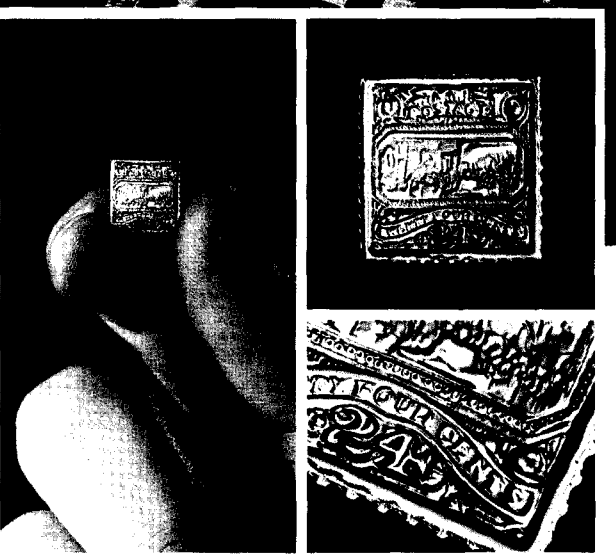

The 1869 United States 24¢ Inverted Center is one of the rarest of all American stamps. It bears the famous John Trumbull painting portraying the signing of the Declaration of Independence. But through a printing error, the image is shown upside down on the stamp. (Silver stamp shown at left actual size; at right, enlarged to show fine detail.)

Your eye is first attracted by the brilliance of silver. But as you look closer, the lines of an intricate design begin to take shape before you. Then, you place the sterling silver miniature under a magnifying glass—and there, in astonishing detail, is one of the world's greatest stamps!

This is the pleasure that awaits you with each new issue of The 100 Greatest Stamps of the World—as you discover the intriguing world of the minted miniature. A world that combines the beauty of solid sterling silver with the fascination of painstaking detail in the tiniest possible area.

This exciting new collection, to be produced by The Franklin Mint, will consist of 100 meticulously crafted miniatures—each one portraying one of the greatest stamps of history.

The rarest and most coveted of all stamps

A panel of distinguished authorities on world philatelic issues has selected, out of the many thousands of stamps issued throughout the world, the 100 greatest of all. And these are the stamps that will be *authentically re-created* for this exceptional—and very beautiful—collection.

Among them are: the British Guiana One-Cent Magenta, which brought the record price of $850,000 at an auction in 1980—the Penny Black of Great Britain, the first adhesive postage stamp in the world—the U.S. 24¢ Airmail Invert, one of the rarest of all American stamps—the Japan 500 mon Dragon, which was first thought to be a forgery but is now a prized rarity. And such famous issues as the Double Geneva, Moldavian Bull, Trinacria of Naples—100 great stamps in all, from every part of the world.

Superbly crafted works in miniature

Each sterling silver miniature will recapture the stamp it portrays with absolute authenticity. You'll actually be able to see every detail of the American biplane which is shown on the 24¢ Airmail Invert. Every feature of Queen Victoria's portrait on the Penny Black. The intricate background pattern that distinguishes the One-Cent Franklin "Z" Grill. The winged headdress on the "Hermes Head" stamp of Greece.

So that you will be able to study and enjoy each miniature in close-up detail, a special *magnifying glass* and *collector's tongs* will be provided. And you will receive a custom-designed *presentation case* to house and protect the complete collection of silver miniatures.

A limited edition at a guaranteed price

You will receive your silver miniatures at the convenient rate of two per month, and the issue price of just $4.75 will be *guaranteed* to you for each miniature in the collection—regardless of inflationary pressures.

Your advance application is valid only until August 31st, and the edition will be permanently limited to the number of subscriptions entered by the end of 1982. After that, it will *never* be offered again.

No payment is required at this time. But be sure to mail the attached postpaid card to The Franklin Mint, Franklin Center, PA 19091, by August 31, 1982.

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Announcing an all-new limited edition in fine Gorham China...

NORMAN ROCKWELL SATURDAY EVENING POST CLASSICS

Batter-Up

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Here are 12 great Rockwell works never before available on collector plates.

Subscription Deadline: August 31, 1982.

For over 60 years, Norman Rockwell painted his finest work for The Saturday Evening Post. The characters he created touch us with their triumphs, tenderness, dreams, and desires.

Now, twelve of Norman Rockwell's greatest Saturday Evening Post classics are authorized to appear for the first time on collector plates. These paintings are part of our American heritage, and now you can make them part of your home.

(continued)

Making Friends

Plates shown smaller than actual size of 8½" in diameter.

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Plates shown smaller than actual size of 8½" in diameter.

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(continued)

Fine Gorham China trimmed with precious 22kt gold.

Rockwell's art has never been so gloriously reproduced. The paintings have never been so vibrant, the background so brilliant and pure as on these twelve magnificent plates of fine Gorham China. The Gorham China Company has been creating family heirlooms since 1831.

Rockwell himself would have applauded the lavish attention to craftsmanship and detail. A wide range of ceramic colors will be laid down, one at a time, to capture all the contrasts, all the delicate shadings of color and texture.

The crowning touch will be a luxurious band of precious 22kt gold, individually applied to each plate. And gold will be applied to the reverse of each plate to display the hallmarks of Gorham, the Danbury Mint, and the Norman Rockwell signature.

A gallery of Rockwell treasures.

Of all the paintings Rockwell created, these twelve would surely rank among the best that could have been selected for this collection. In "Batter-Up," you'll get a kick out of gramps at the bat — and realize we're never too old to feel young at heart. In "Trick or Treat," you'll see why Halloween is as much of a lark for us as it is for the kids, since we are the ones who get to act scared.

A strictly limited edition.

This collection will be issued in a strictly limited edition, and the size of the U.S. edition will be forever limited to the exact number of reservations postmarked by the final deadline, August 31, 1982.

These twelve Norman Rockwell classics are authorized by The Saturday Evening Post to appear on collector plates for *the very first time.* But they are not sold individually, or in stores. They are available only directly from the Danbury Mint, by advance reservation.

Easy acquisition.

To reserve your collection, you need send no payment now. Simply complete the attached reservation application and return it as soon as possible. Your twelve plates will be shipped at the rate of one every two months, and you will be billed at convenient two-month intervals.

Guaranteed satisfaction.

In the unlikely event you receive a plate that you are not completely satisfied with, you may return it upon receipt for a replacement or refund. And you may discontinue your subscription at any time.

By subscribing to this collection, you will own twelve Norman Rockwell classics reproduced in the most magnificent manner possible. Do reserve your collection today!

Reservation Application Q31

NORMAN ROCKWELL
SATURDAY EVENING POST CLASSICS

The Danbury Mint
47 Richards Avenue
P.O. Box 5280
Norwalk, Conn. 06856

Guaranteed acceptance only if postmarked by August 31, 1982.

Please accept my reservation to *The Norman Rockwell Saturday Evening Post Classics*, an all-new limited edition in fine Gorham China featuring 12 great Rockwell works never before available on collector plates. The collection will be issued at the rate of one plate every two months at the cost of $28.50 per plate (plus $1.50 postage and handling).

I need send no money now. I will pay for each plate as billed at two-month intervals. Any plate I am not completely satisfied with may be returned upon receipt for replacement or refund, and this subscription agreement may be cancelled by either party at any time.

Name _____

Address _____

City, State, Zip _____

☐ Check here if you want each plate charged, as it is shipped, to your: ☐ MasterCard ☐ VISA

_____
Credit Card No. Expiration Date

Signature _____

Allow 8 to 12 weeks after payment for initial shipment.

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POST PEOPLE

The Rev. E.V. Hill (left) and Rosey Grier were guests of the Bunker Hunts during a STEP (Strategies to Elevate People) conference. Pastor Hill, of the Mt. Zion Missionary Baptist Church in Watts, helps motivate churches to assume relief programs once handled by government. Ex-football star Grier tackles speaking tours for World Vision, a project to feed Third World poor.

Bunker Hunt, the world's silver king, has seized the golden opportunity to make a Christian commitment by helping the poor. He and his wife, Caroline, work tirelessly to fulfill this Biblical mandate through the Presbyterian Church, the STEP Foundation and the National Council for the Campus Crusade for Christ. A healthful lifestyle, generated by the Pritikin Clinic, has left him some 28 pounds lighter.

As leader of the U.S. monitoring team to the El Salvador elections, Sen. Nancy Kassebaum returned home deeply impressed by the large numbers who took advantage of their freedom to vote. Back in the land where that freedom is taken for granted, the Senator has taken a seat in the Senate Office Building restaurant to monitor her favorite dessert. Nancy's father, former presidential candidate Alf Landon, 95, still resides in Kansas.

Holly Coors

When singer Pat Boone, with wife Shirley, emceed the Evangelistic Outreach to Congress program, "Something Special," it became a special night at the Kennedy Center in our nation's capital. Sponsored by the American Heritage Foundation, this gala event drew an enthusiastic audience of congressmen and Washington dignitaries. Next stop for Pat and family was a fund raiser for the Salvation Army in Detroit.

Holly Coors

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Collect or give the traditional and contemporary classics from Tiara Exclusives. Unique designs of exquisite quality. Yet priced to please. And exceptionally functional as place settings or decorator pieces, as well as treasured collectors items. Tiara Exclusives' glassware is available only through Giftaramas conducted by knowledgeable Tiara Associates.

The convenient in-home Giftaramas provide single source selection and service with expert assistance. Tiara makes the ideal gift for every occasion. Or the perfect glassware for your personal collection. Write today for your full color catalog, illustrating Tiara's complete line. Please enclose $1.00 to cover postage and handling.

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This Seal Applies To Tiara Glassware Only.

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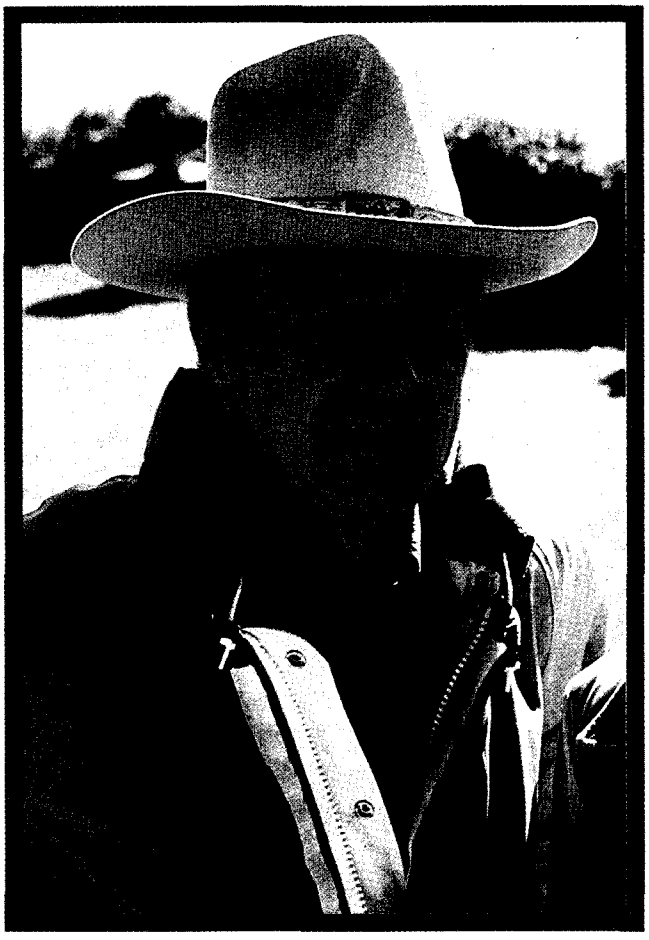
HE RODE HERD ON AMERICAN IDEALS

In a world of venality and doubt,
John Wayne epitomized our dream of the man who could
make his own code of honor and live by it.

Although he now lives in America's archives with the patriots of old, John Wayne was so much a part of America that, like the freedom, virtues, honesty and singleness of drive his character portrayed, he became part of our mental landscape.

For some 40 years on film, John Wayne reflected the deep decency of America. He was the epitome of the guy who never looks for a fight but battles tooth and nail if it comes to that. His aim was to win, but if he lost, he lost with dignity.

One of the reasons why John Wayne fit the role of an overcomer of handicaps (*Red River*, *The Sands of Iwo Jima*) so snugly was that his off-screen mind also was single-tracked when it came to reaching an objective. In the 1960s, when public sentiment ran against the war in Vietnam, during a time of anti-war protest and draft-card burning, Wayne decided to make a movie about the sons of America fighting for freedom in Asia. None of the major studios would touch the unpopular war, and he was advised against the project by almost everyone he consulted.



The image of John Wayne stands firmly in the minds of three generations of Americans as clearly as the destiny that pushed a nation to the Pecos and beyond.

Wayne's response to his critics was: "What the h--- war hasn't been unpopular!" He forged ahead with the making of *The Green Berets*. Although the movie outraged the critics, no one could ever convince John Wayne that he hadn't made an honest picture.

Wayne was born Marion Michael Morrison in Winterset, Iowa, on May 26, 1907. And when he grew up, he made a good job of it, standing six foot four in his stocking feet and weighing 225 pounds. This all added up to the main reason no one ever ran the risk of calling him Marion. This, and because, for *The Big Trail*—his first starring film—director Raoul Walsh decided to switch his name to John Wayne. "I can't have a leading man with a name that sounds like a girl," he explained.

Wayne's friends always called him Duke—said to be traced back to a character he played in a high school drama. But the actor himself had a somewhat different version. "I once had a mutt named Duke," he said. "I was named for my dog."

In a Wayne western, deserts are deserts, buttes are buttes, real snow falls and bullets kill. Also, pride is part of the American way, toughness is part of manhood, gentleness toward women is a mandate, fear is something one has only with God, and a hero of the Great Southwest must be true to his word and his kin.

One of the Duke's countless fans remembers how, even as a child, she came away from a Wayne film with a new shape to her dreams. As she explained it: "In a world we understood early to be characterized by venality and doubt and paralyzing ambiguities, he suggested another world, one which may or may not have existed ever, but in any case existed no more—a place where a man could move freely, could make his own code and live by it; a world in which, if a man did what he had to do, he could one day take the girl and go riding through the draw and find himself at the bend in the bright river, the cottonwoods shimmering in the sun."

Few can look back at the man without the feeling that he typified all the traditions that gave our country its freedom. He summed up his patriotism best when he told the girl at the Alamo, "Republic is a beautiful word."

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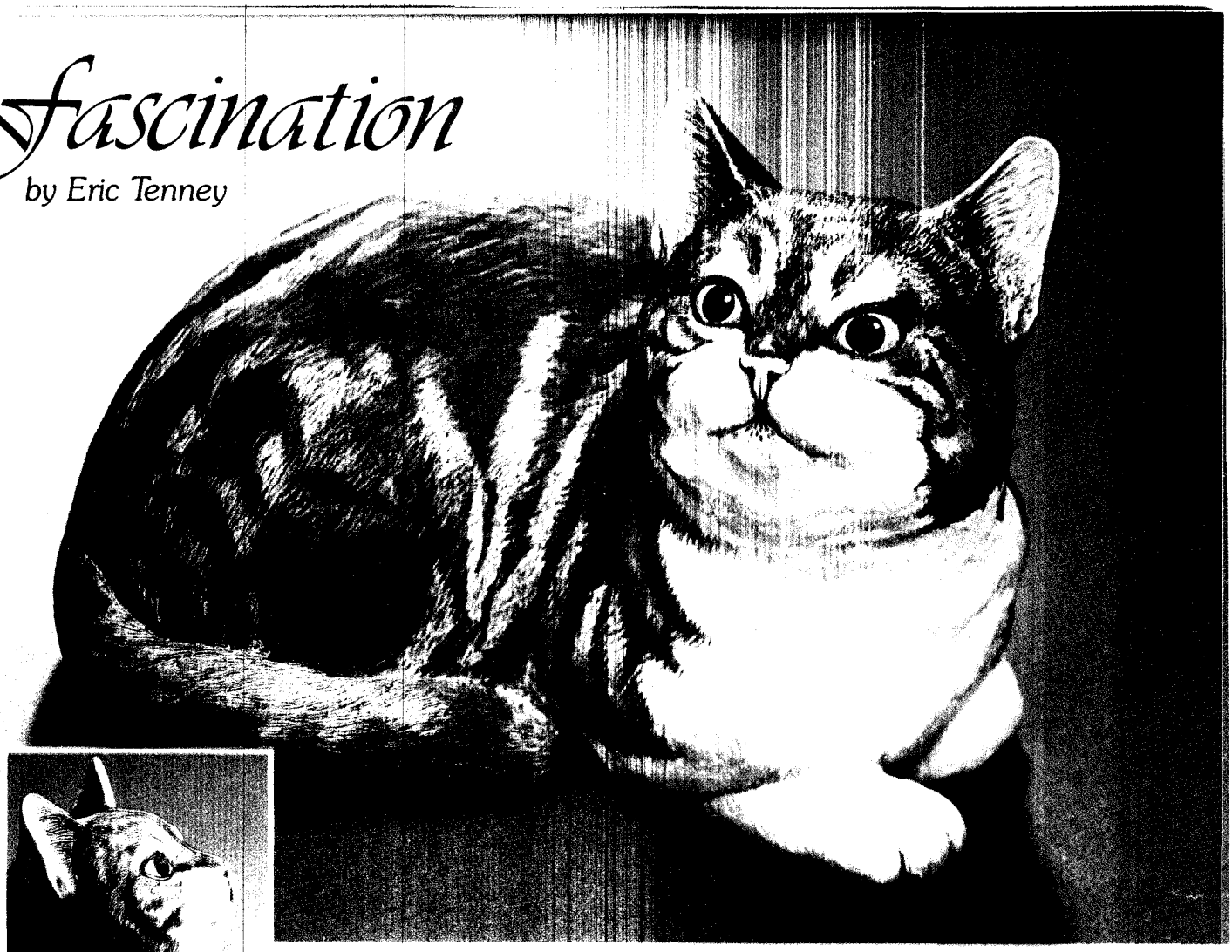
fascination

by Eric Tenney



Shown reduced. Actual size is 7" in length.

An original sculpture in fine porcelain.
Hand-painted and issued in a limited edition.
Art of exceptional charm and beauty,
at the very attractive price of $75.

ERIC TENNEY is one of today's most beloved and accomplished animal artists. An award-winner at the prestigious Edinburgh Festival. Featured in important exhibitions at London's Tryon and Sladmore galleries. And internationally acclaimed for his portraits of the endearing animal characters of the best-selling book, "Watership Down." His works are sought after on both sides of the Atlantic.

Now, for the first time ever, the artist has turned his talents to a medium that collectors especially prize: fine porcelain sculpture. The result is a work of pure magic, called *"Fascination."* Crafted in fine, hand-painted porcelain, this delightful work of art will be issued at the very attractive price of $75—which may be paid in three convenient monthly installments of $25 each.

In "Fascination," Eric Tenney portrays an inquisitive Tabby cat, with a loveable personality that will instantly charm any viewer. Beguiling in spirit, the sculpture is also remarkably lifelike in detail. Every feature is captured with delicate care. The glowing eyes. The little pink nose. The very nap and texture of the fur!

"Fascination" will be individually crafted, completely hand-painted—and will bear the artist's signature on its base. Examples of the sculpture will be crafted under the supervision of Franklin Porcelain in Taiwan, home of some of the world's most gifted porcelain craftsmen. And in the tradition of classic porcelains, it will be issued in a limited edition. At the end of this single year, 1982, the edition will be permanently closed.

Owning and displaying this enchanting hand-painted sculpture is certain to bring you pleasure for years to come.

But to reserve "Fascination" by Eric Tenney, you should act promptly. To be valid, the accompanying Reservation Application must be returned to Franklin Porcelain, Franklin Center, Pennsylvania 19091 no later than July 31, 1982.

© 1982 FP

RESERVATION APPLICATION

FASCINATION

by Eric Tenney

Valid only if postmarked by July 31, 1982
Limit: One per person

Franklin Porcelain
Franklin Center, Pennsylvania 19091

Please accept my reservation for "Fascination" by Eric Tenney. This limited edition sculpture will be individually crafted for me in fine, hand-painted porcelain.

I understand that I need send no money at this time. I will be billed in 3 equal monthly installments of $25.* each, beginning when the sculpture is ready to be sent to me.

**Plus my state sales tax and a single charge of $3. for shipping and handling.*

Signature _____
ALL ORDERS ARE SUBJECT TO ACCEPTANCE.

Mr.
Mrs.
Miss _____
PLEASE PRINT CLEARLY

Address _____

City _____

State, Zip _____

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Chariots of Fire

from Dark Horse to Thoroughbred

by Blair Austin

"It's an exceptional film, about some exceptional people," wrote *New York Times* film critic Vincent Canby of *Chariots of Fire* when it premiered in New York last fall.

Since then, *Chariots of Fire* has grossed more than $40 million at the box office; captured four Academy Awards, including the Oscar for Best Picture; sprinted to the top of the pop-music charts with its exhilarating theme song; and has left many of filmdom's insiders wondering why this "stunning dark horse" of a film—which features no sex, violence and only enough vulgar language to merit it a PG rating—has achieved such overwhelming popular and critical success.

A clue to *Chariots'* unexpected

Continued on page 118

Sprinter Eric Liddell (Ian Charleson in *Chariots*) was known for his unorthodox style.

Chariots of Fire marks Ian Charleson's screen debut, as Olympic gold medalist Eric Liddell.

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Zinc is a Mineral "More Precious Than Gold" For An Active Man's Good Health

The scale holds an ounce of gold, the fingers hold an ounce of Zinc. Which is more valuable?

For an active man, Zinc is "more precious than gold" for good health. It's an essential mineral for the formation of red blood cells . . . for repair of body tissue . . . and for normal growth of skin and bones.

To be sure your body is getting all the Zinc you should have, take Z-BEC®/a vitamin formula that's rich in Zinc.

Z-BEC is also fortified with 6 B-Complex vitamins and vitamin C—water-soluble vitamins your body can't store . . . plus vitamin E.

If you may not be getting enough Zinc or vitamins in the food you eat, get Z-BEC. It's rich in Zinc—"more precious than gold" for an active man. Ask for Z-BEC at your favorite pharmacy or drug counter.

Z-BEC® IS RICH IN ZINC

Zinc is an essential mineral for active men. It plays an important role in the healing of wounds and burns. This Zinc requirement may increase even more if you indulge yourself in alcoholic drinks.

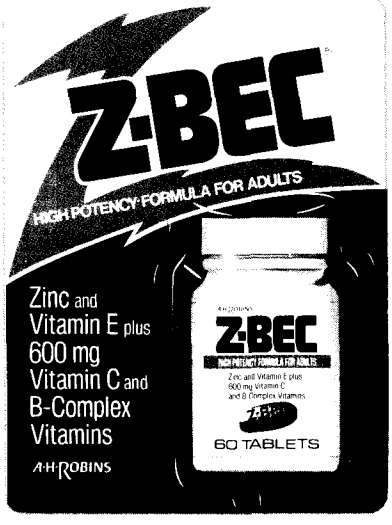
Even certain eating habits, such as special diets—particularly high fiber diets—may strip your body of Zinc. Z-BEC helps replenish your system with the Zinc it should have.

RICH IN WATER-SOLUBLE VITAMINS, TOO

The B-Complex and C vitamins you take today probably won't do anything for you tomorrow. Because they're water-soluble . . . and are eliminated daily. These essential vitamins must be replaced every day. The Z-BEC formula provides your body with 6 B-Complex vitamins and enough vitamin C to meet or exceed your normal needs.

REINFORCED WITH VITAMIN E

Evidence that vitamin E is a significant factor in helping to sustain good health keeps mounting. Vitamin E is important in helping to maintain the strength of red blood cells. And it helps release energy from the carbohydrates and fats in the food you eat. The vitamin E content of Z-BEC surpasses the U. S. recommended daily allowance.



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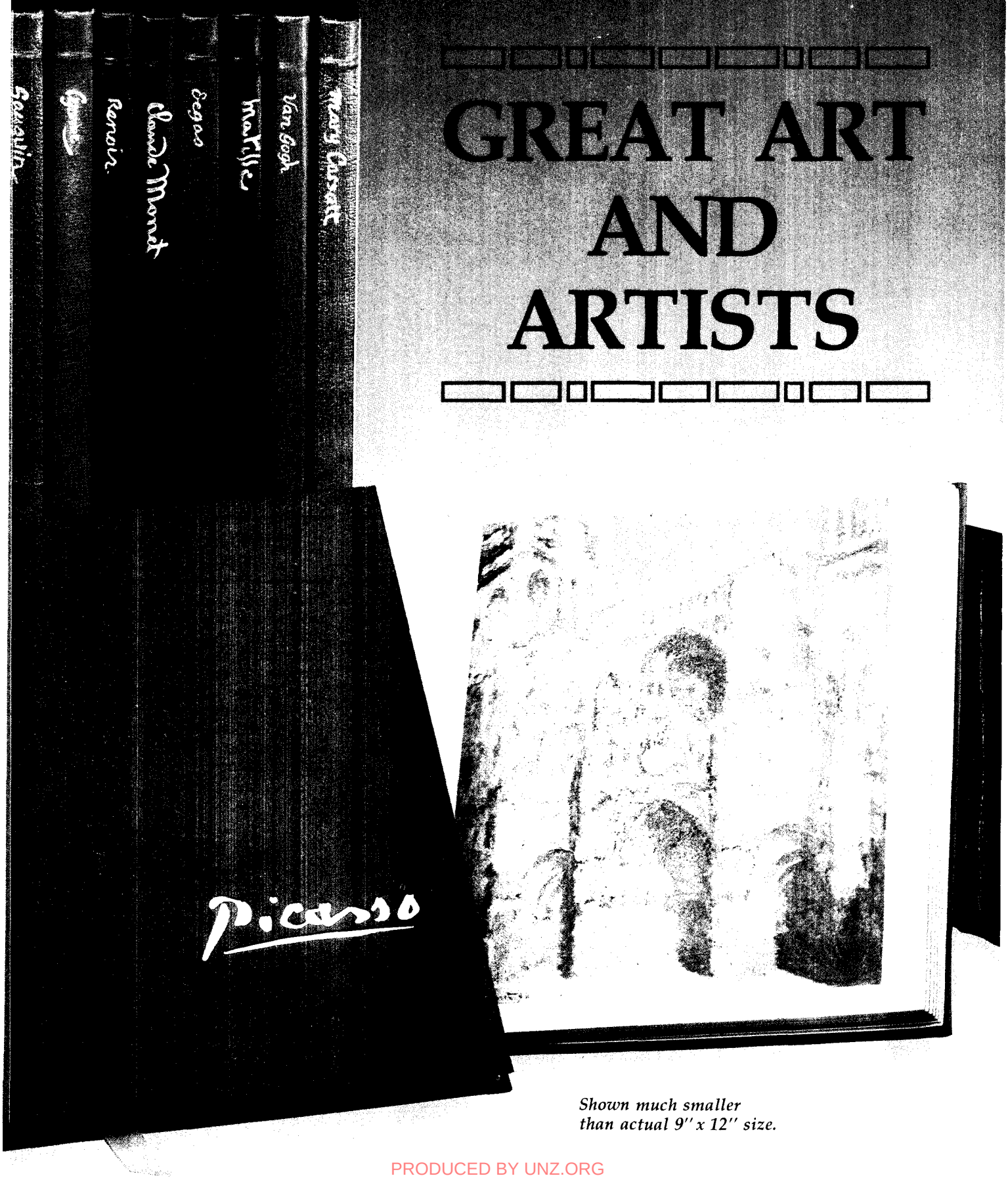

Shown much smaller than actual 9" x 12" size.

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Fine art has long found an important place in distinguished homes. It adds meaning and beauty to our lives—stature and elegance to our surroundings.

Of course the world's greatest works have long ago disappeared into the great museums and collections. Thus, art lovers for centuries have become art book collectors. For in this way alone is it possible to own, enjoy and experience in one's home hundreds of works of art, by many different masters, assembled from leading museums and private collections.

With a library of fine art books, you can take an art tour of the world, just by turning pages. And, with an expertly written text as your guide, you can develop a full appreciation of art—what the masters accomplished and how it can enrich our lives.

An affordable leather-bound library. A breakthrough in art book collecting.

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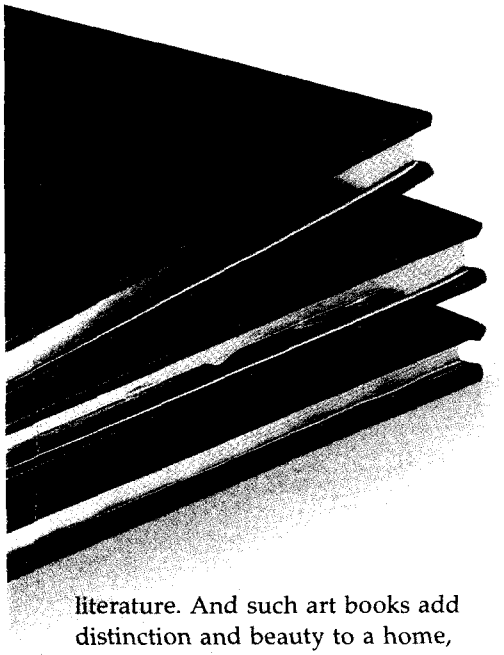

Until now, though, luxurious leather-bound art books have been available only from a few book dealers and have commanded forbidding prices. Under these circumstances, few of us could hope to own a leather-bound art collection of significant size or scope.

Fortunately, the Easton Press, which has been making available the world's finest literature in luxurious leather-bound volumes at a reasonable cost, is about to do the same with the world's finest art. Now you have the opportunity to own GREAT ART AND ARTISTS—the first comprehensive collection of fine leather-bound art books decorated with 22 kt gold to be published at an easily affordable price.

The great art of the modern masters—from Van Gogh and Monet to Picasso and his contemporaries.

Here are magnificently bound, expertly written fine art books, each devoted to the life and work of a great master of 19th or 20th century art.

You'll see the great works of Van Gogh—a man driven by such passion that he virtually assaulted his canvases. And Claude Monet, the "Father of Impressionism," whose brush strokes will invite your eye to see and blend light just the way he intended.

Renoir, whose delicate colors show you a joyous, robust love of the physical world. Gauguin, who found in primitive faith and folk art a way to approach the most basic questions of life. Degas, whose famous paintings of dancers will reveal to you a new way of looking at light, color and form.

And Pablo Picasso, whose long and brilliant career encompasses virtually every major movement of contemporary art. Other great modern artists—including Matisse, Braque, Miro, Kandinsky, and Chagall. And Paul Klee, whose rich imagery and symbolism provide a key for understanding the purpose behind much of modern abstract art.

Each book narrates the artist's life, tells of his influences and how he influenced others. Each book displays the artist's major works and examines them in detail—showing you what to look for, what to appreciate, why the particular work is important. What's more, many rarely seen paintings, even drawings and studies, have been included to create the full and varied experience of the artist's whole work.

From top to bottom:
Girl Reading (La Lecture); Henri Matisse, 1905-06
Dancers Practicing at Bar; Edgar Degas, 1877
Siesta; Paul Gauguin, 1893
The Eiffel Tower; Georges Seurat, 1889

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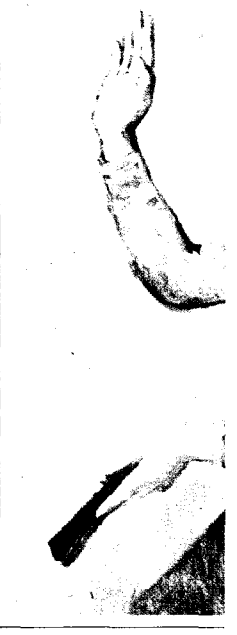
Jane Avril;
Henri Toulouse-Lautrec, 1899

The Starry Night;
Vincent van Gogh, 1889

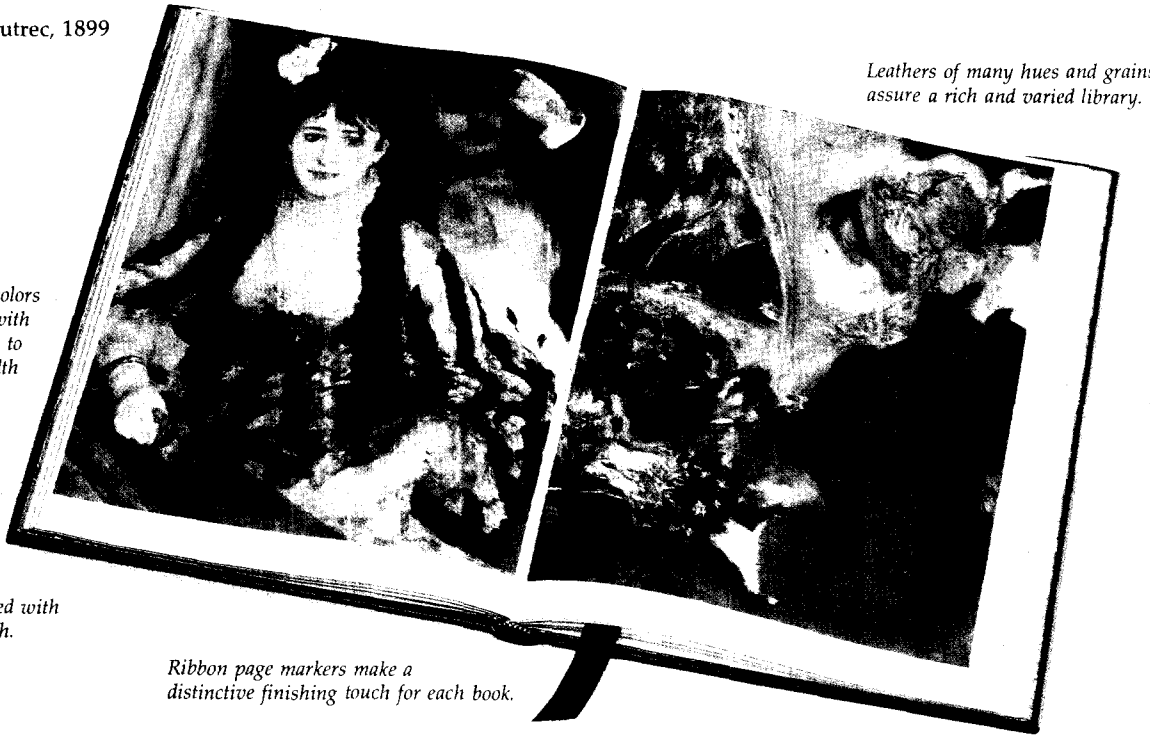


Woman With a Fan;
Pablo Picasso, 1905

Every book is fully bound in genuine leather and accented with 22kt gold.

Leathers of many hues and grains assure a rich and varied library.

Full color oils, water colors and washes combine with drawings and sketches to give you the full breadth of the artist's work.



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Accented with 22kt gold.

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There will be other elegant touches, too. The end papers of each volume will bear a rich design befitting books of great stature. Each book will be bound with a permanent ribbon page marker. A handsome nameplate will accompany each volume to allow your own personalized identification of each book as part of your private collection.

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GREAT ART AND ARTISTS will be printed and custom-bound in a private edition for subscribers only. No books will be made available to bookstores or rare book dealers. This limited, direct distribution assures a scarcity that will enhance your esteem for your private library.

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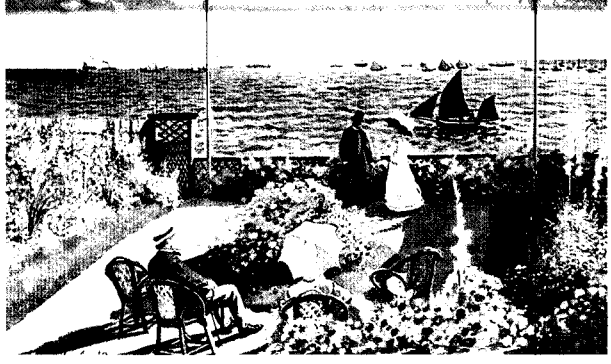
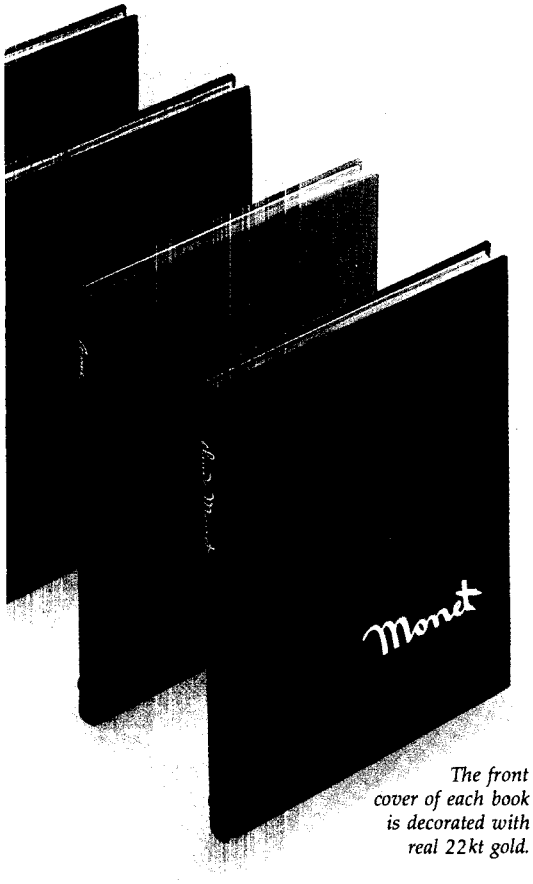


Terrace;
Claude Monet, 1866

A Sunday Afternoon;
Georges Seurat, 1885



The front cover of each book is decorated with real 22kt gold.

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The books in this collection will be issued one per month. You pay for only one volume per month and will have a full month to enjoy each new volume before the next one arrives. As your collection builds, so will your understanding and appreciation for the finest art.

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You might expect comparable art books, bound in leather and decorated in gold, to sell for at least $60 or $75 per volume. However, the volumes in this collection will be priced at only $29.50 each for the first two years. Future volumes will be similarly priced, subject only to minor periodic adjustment to reflect varying material costs.

This extraordinary value is possible for three reasons. First, Easton Press will produce this collection for subscribers only—thus, enabling us to set precise print orders. Second, we have purchased the reproductions for this collection from the most respected and prestigious art publishers of Europe and America. Thus, much of the otherwise prohibitive cost of photographing and reproducing such a vast collection of fine art has already been absorbed long ago. Finally, there is up-to-date American and European book crafting technology helping to produce these books at a high standard of quality.

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Subscription Application *80*

GREAT ART AND ARTISTS

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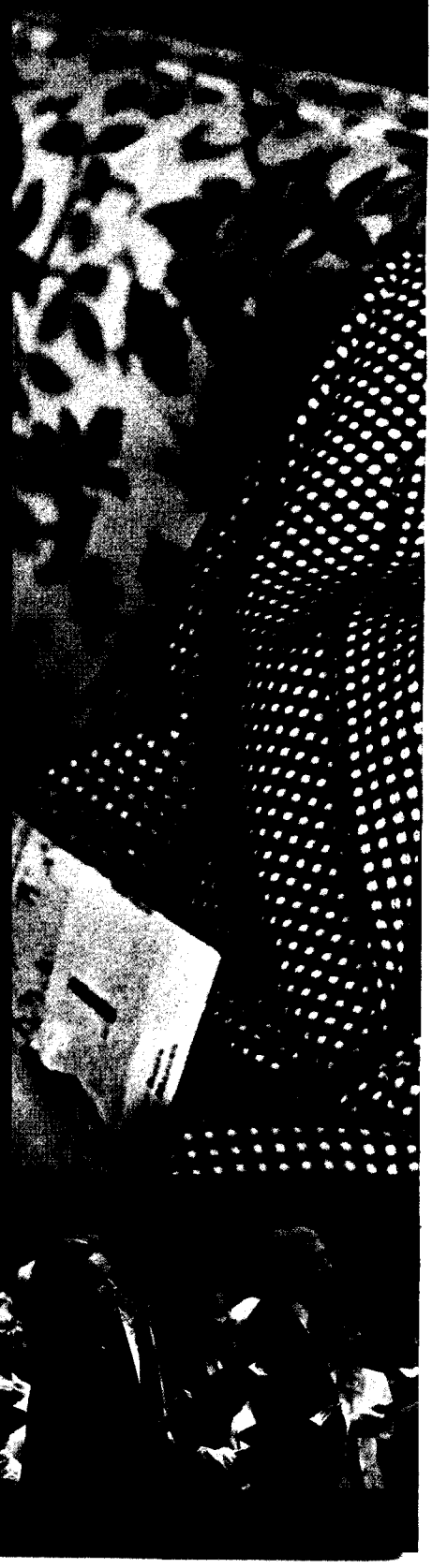
When you read about Billy Graham and his son, Franklin

Franklin Graham (below), of World Medical Missions, helps physicians who want to volunteer their time overseas. In treating the sick abroad, the doctors are learning a great deal about which Western-civilization diseases are nonexistent in poor Third World countries. . .the better to prevent them at home! (Diabetes and heart disease are rare in tribal Africa.) The *Post* will be following these doctors for you.



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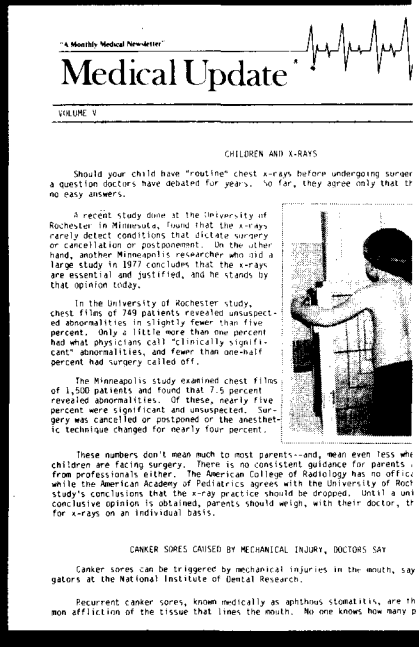


"A Monthly Medical Newsletter"

Medical Update

VOLUME V

CHILDREN AND X-RAYS

Should your child have "routine" chest x-rays before undergoing surger a question doctors have debated for years. So far, they agree only that th no easy answers.

A recent study done at the University of Rochester in Minnesota, found that the x-rays rarely detect conditions that dictate surgery or cancellation or postponement. On the other hand, another Minneapolis researcher who did a large study in 1977 concludes that the x-rays are essential and justified, and he stands by that opinion today.

In the University of Rochester study, chest films of 749 patients revealed unsuspected abnormalities in slightly fewer than five percent. Only a little more than one percent had what physicians call "clinically significant" abnormalities, and fewer than one-half percent had surgery called off.

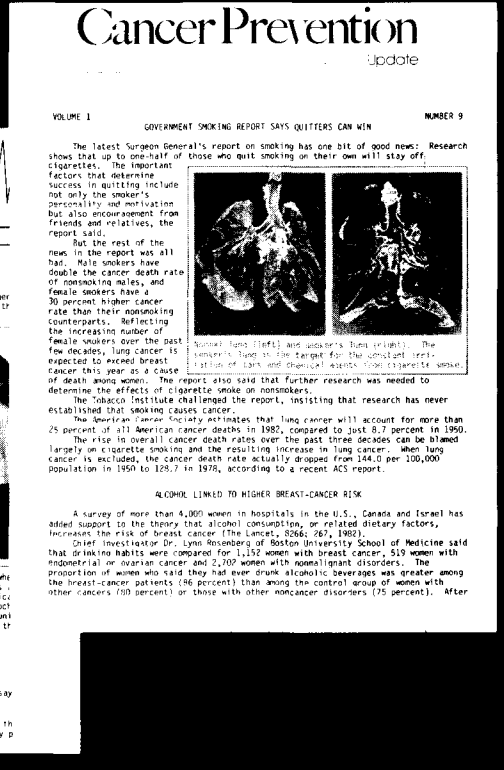
The Minneapolis study examined chest films of 1,500 patients and found that 7.5 percent revealed abnormalities. Of these, nearly five percent were significant and unsuspected. Surgery was cancelled or postponed or the anesthetic technique changed for nearly four percent.

These numbers don't mean much to most parents--and, mean even less wh children are facing surgery. There is no consistent guidance for parents from professionals either. The American College of Radiology has no offic while the American Academy of Pediatrics agrees with the University of Roch study's conclusions that the x-ray practice should be dropped. Until a uni conclusive opinion is obtained, parents should weigh, with their doctor, th for x-rays on an individual basis.

CANKER SORES CAUSED BY MECHANICAL INJURY, DOCTORS SAY

Canker sores can be triggered by mechanical injuries in the mouth, say gators at the National Institute of Dental Research.

Recurrent canker sores, known medically as aphthous stomatitis, are th mon affliction of the tissue that lines the mouth. No one knows how many p



Cancer Prevention Update

VOLUME 1 NUMBER 9

GOVERNMENT SMOKING REPORT SAYS QUITTERS CAN WIN

The latest Surgeon General's report on smoking has one bit of good news: Research shows that up to one-half of those who quit smoking on their own will stay off cigarettes. The important factors that determine success in quitting include not only the smoker's personality and motivation but also encouragement from friends and relatives, the report said.

But the rest of the news in the report was all bad. Male smokers have double the cancer death rate of nonsmoking males, and female smokers have a 30 percent higher cancer rate than their nonsmoking counterparts. Reflecting the increasing number of female smokers over the past few decades, lung cancer is expected to exceed breast cancer this year as a cause of death among women. The report also said that further research was needed to determine the effects of cigarette smoke on nonsmokers.

Normal lung (left) and smoker's lung (right). The cancerous lung is the target for the constant irritation of tars and chemical agents from cigarette smoke.

The Tobacco Institute challenged the report, insisting that research has never established that smoking causes cancer.

The American Cancer Society estimates that lung cancer will account for more than 25 percent of all American cancer deaths in 1982, compared to just 8.7 percent in 1950.

The rise in overall cancer death rates over the past three decades can be blamed largely on cigarette smoking and the resulting increase in lung cancer. When lung cancer is excluded, the cancer death rate actually dropped from 144.0 per 100,000 population in 1950 to 128.7 in 1978, according to a recent ACS report.

ALCOHOL LINKED TO HIGHER BREAST-CANCER RISK

A survey of more than 4,000 women in hospitals in the U.S., Canada and Israel has added support to the theory that alcohol consumption, or related dietary factors, increases the risk of breast cancer (The Lancet, 8266: 267, 1982).

Chief investigator Dr. Lynn Rosenberg of Boston University School of Medicine said that drinking habits were compared for 1,152 women with breast cancer, 519 women with endometrial or ovarian cancer and 2,702 women with nonmalignant disorders. The proportion of women who said they had ever drunk alcoholic beverages was greater among the breast-cancer patients (86 percent) than among the control group of women with other cancers (80 percent) or those with other noncancer disorders (75 percent). After

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THE PRESIDENTS' CALL TO PRAYER

During a heated debate at the Constitutional Convention, when the outcome appeared in doubt, Benjamin Franklin asked for a recess for prayer. Here, Franklin moves that blessings be asked each morning in the assembly.

Mr. President:
. . .When we were sensible to danger, we had daily prayer in this room for divine protection. Our prayers, sir, were heard, and they were graciously answered.
. . .And have we now forgotten that powerful Friend? Or do we imagine that we no longer need His assistance?
. . .I have lived, sir, a long time, and the longer I live, the more convincing proofs I see of this truth that God governs in the affairs of men. And if a sparrow cannot fall to the ground without His notice, is it probable an empire can rise without His aid?
. . .We have been assured, sir, in the sacred writings, that "except the Lord build the house, they labor in vain that build it." I firmly believe this; and I also believe without His concurring aid we shall succeed in this political building no better than the builders of Babel.
. . .I, therefore, beg leave to move that, henceforth, prayers imploring the assistance of Heaven, and its blessing on our deliberations, be held in this assembly every morning we proceed to business.

Benjamin Franklin's address at the formation of the Constitution

Editor's Note: President Reagan's recent prayers for the country are not without precedent. Since George Washington first took Benjamin Franklin's advice, presidents have turned to God for divine guidance. Thirty-five of them are listed below.

To preserve our blessed land we must look to God. . . .The most sublime figure in history was George Washington on his knees at Valley Forge. . . . It is time to realize that we need God more than He needs us. . . .We also have His promise that we could take to heart with regard to our country that, "If my people, which are called by my name, shall humble themselves, and pray, and seek my face, and turn from their wicked ways; then will I hear from heaven, and will forgive their sin, and will heal their land."

Ronald Reagan, February 9, 1982

. . .I would be peculiarly improper to omit in this first official act my fervent supplications to that Almighty Being who rules over the universe.

George Washington, April 30, 1789

. . .And may that Being who is supreme over all, the Patron of Order, the Fountain of Justice and the Protector in all ages of the world of virtuous liberty, continue His blessing upon this nation.

John Adams, March 4, 1797

. . .I shall need, too, the favor of that Being in whose hands we are, who led our fathers, as Israel of old.

Thomas Jefferson, March 4, 1805

. . .We have all been encouraged to feel in the guardianship and guidance of that Almighty Being whose power regulates the destiny of nations.

James Madison, March 4, 1809

. . .I enter on the trust to which I have been called. . .with my fervent prayers to the Almighty that He will be graciously pleased to continue to us that protection which He has already so conspicuously displayed in our favor.

James Monroe, March 4, 1817

. . ."Except the Lord keep the city, the watchman waketh but in vain."

John Quincy Adams, March 4, 1825

. . .Finally, it is my fervent prayer to that Almighty Being. . .that He will so overrule all my intentions and actions and inspire the hearts of my fellow citizens that we may be preserved from dangers of all kinds and continue forever a united, happy people.

Andrew Jackson, March 4, 1833

. . .I look to the gracious protection of the Divine Being whose strengthening support I humbly solicit and whom I fervently pray to look down upon us all.

Martin Van Buren, March 4, 1837

. . .I deem the present occasion sufficiently important and solemn to justify me in expressing to my fellow citizens a profound reverence for the Christian religion.

William Henry Harrison, March 4, 1841

. . .In assuming responsibilities so vast, I fervently invoke the aid of that Almighty Ruler of the Universe, in whose hands are the destinies of nations.

James Knox Polk, March 4, 1845

. . .Let us invoke a continuance of the same protecting care which has led us from small beginnings to the

Continued on page 113

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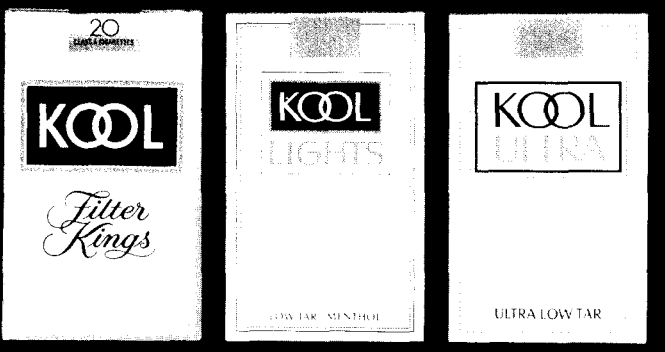

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DOES L-LYSINE STOP HERPES?

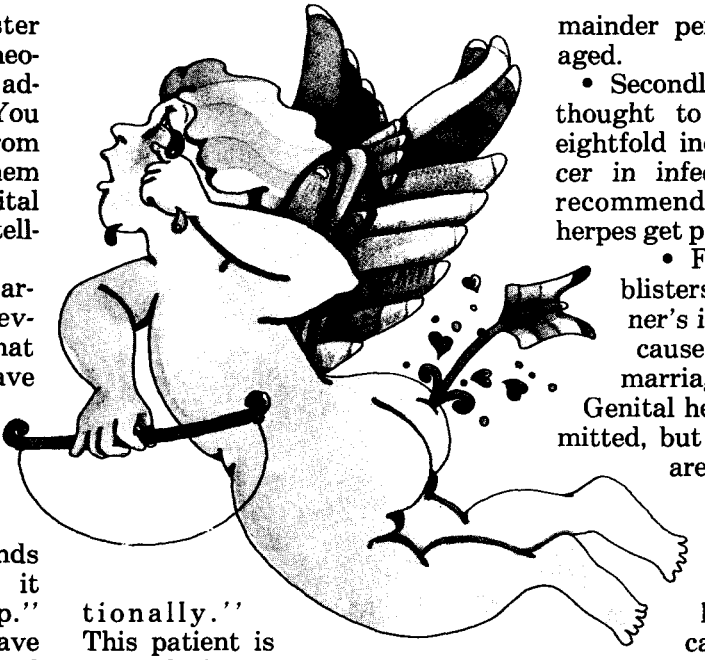
While the herpes epidemic rages on, some very reputable physicians have found that L-lysine, a safe and inexpensive food substance, successfully reduces pain and recurrence of herpes attacks in 85 to 90 percent of their patients. This success warrants broader use and experimentation. The SatEvePost Society asks that you fill out the form on page 93 if you have any firsthand information to shed light on the truth.

by Cory SerVaas, M.D.

Illustrated by Andrea Eberbach

Last Sunday our minister quoted a noted Catholic theologian and sociologist, who, in addressing his colleagues, said, "You are losing your young people from the church because you tell them that promiscuous and premarital sex is not moral. You should be telling them that it isn't 'smart.' "

It is true that married participants in the "sexual revolution" are now discovering that Moses, in all his wisdom, may have had a very good health reason for enforcing the Ten Commandments, including *"Thou shalt not commit adultery."*



The herpes virus is believed to have been around for thousands of years. The Greeks named it *herpes*, meaning "to creep." Tiberius Caesar is said to have tried to eliminate it from his land by putting a ban on kissing—manifestly half a measure!

Genital herpes is spread when one sexual partner is having an active outbreak. If one case comes to town, the whole town could catch it if promiscuity is carried to the extreme.

But now that there is an estimated pool of more than five million genital-herpes sufferers in the U.S., with 500,000 new cases expected this year, many young people are returning to more conservative social behavior. On campuses where the disease has reached epidemic proportions, students are heeding the ominous results of promiscuous sex.

"There will be more interest in having fewer and deeper relationships," predicted one herpes victim to the *New York Times*. "This promiscuity thing is just too unhealthy, both physically and emotionally." This patient is now placing more value on the "quality of commitment" and less on the "quantity of sex." He feels that American society is moving in the same direction.

What are the ravages of herpes simplex II that have caused such a change in the attitudes of the young people toward the sexual revolution?

• For starters, the shedding of the virus through the birth canal of infected women causes fatal or profoundly damaging meningoencephalitis in the newborn. Where a mother has an outbreak less than two weeks prior to delivery, a Caesarian is done to protect the baby. It is estimated about 1,000 babies a year are born with herpes, probably because their mothers were not aware of their infections before delivery. The virus spreads quickly through the infants' systems, killing more than half of them and leaving most of the remainder permanently brain damaged.

• Secondly, this organism is thought to cause a fivefold to eightfold increase in cervical cancer in infected women. Doctors recommend that women with herpes get pap smears twice a year.

• Finally, since telltale blisters may reveal one partner's infidelity, the virus can cause emotional strain in a marriage, and even divorce.

Genital herpes is sexually transmitted, but not all herpes viruses are of the "below-the-waist" variety. Herpes simplex I causes the well-known painful fever blister, and a third kind of infection is caused by the varicella-zoster variety, which produces, on one hand, chicken pox in children and, on the other hand, herpes zoster, the notorious and painful *shingles* in adults.

So much for the problem. Now, what to do?

While I was investigating the herpes epidemic, a letter to the editor providentially came across my desk. It was from Mrs. Margaret Stewart of Escondido, California. She wrote:

"Dear Dr. SerVaas:

"This will probably be one of many letters you have received regarding your article in the April issue of *The Saturday Evening Post* describing Mary Kay Ashe's bout with shingles. I hope my experience with shingles will be a help to others so afflicted.

"Some months ago, on Sunday evening while undressing for bed, I noticed a cluster of red spots just

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below my left arm, and, luckily for me, I had an appointment with my doctor the next morning. He took one look and told me I had a case of herpes zoster (shingles.) I asked if he could help me, so he explained what caused them in the first place. He said I lacked a sufficient amount of one of the amino acids—namely lysine. He told me to take one tablet after each meal. I followed his advice and finished the entire bottle of lysine—although the slight pain and discomfort only lasted less than a week. By the way, the spots didn't spread and soon were healed.

"You told of Mary Kay's doctor giving shots of interferon, which is expensive. My bottle of lysine cost less than $3!" —*Margaret M. Stewart*

We called Mrs. Stewart to see if her herpes zoster was still quiescent. It was. By now, I was sufficiently curious to check this out with our family dermatologist, Dr. Arthur Norins, who was once my professor and now heads the dermatology department at the Indiana University School of Medicine. He is a conservation, cautious and reserved professional with impeccable credentials.

Can you imagine my surprise and delight when he told me that he, with two colleagues, had published a research paper on the effect of lysine on herpes. His office being a stone's throw from my own, I had his paper within minutes. Reporting in *Dermatologia*, researchers Drs. Norins, Richard Griffith and Christopher Kagan had described ameliorative effects of lysine on 45 patients with facial, oral and genital herpes.

Dr. Griffith, a Lilly researcher, was a font of good information about lysine and herpes. He told me there are a number of papers being withheld from the lay press until they are published in professional journals, and I could read some excitement between the lines.

Dr. Griffith said, "Lysine is a food substance and an over-the-counter item—what we call a *therapeutic orphan* because no drug house can afford to take it on as a research project, since they couldn't compete with the pres-

Continued on page 92

DIET FOR HERPES CONTROL

High-Lysine Foods (Foods to Eat)

mg. excess lysine	food	portion
+930	fresh fish	4 oz
+880	shark	4 oz
+810	canned fish	4 oz
+740	chicken	4 oz
+720	beef	4 oz
+520	goat's milk	1 cu
+420	cow's milk	1 cu
+420	lamb	4 oz
+410	mung beans, cooked	½ cu
+380	pork	4 oz
+280	cheese, all types	1 oz
+270	beans, cooked	½ cu
+240	lima beans	½ cu
+220	cottage cheese, dry	½ cu
+210	mung bean sprouts	½ cu
+190	yeast, brewer's	1 tb
+170	crustaceans	4 oz
+130	soybeans, cooked	½ cu
+120	egg	1
+100	human milk	1 cu

These foods contain more lysine than arginine. For example, a 4 oz. serving of fish contains 930 mg. of excess lysine. This is about equal to two 500 mg. L-lysine tablets.

High-Arginine Foods (Foods to Avoid)

portion	food	mg. lysine deficiency
½ cu	hazel nuts	-2250
½ cu	brazil nuts	-2110
½ cu	peanuts	-2060
½ cu	walnuts	-810
½ cu	almonds	-710
½ cu	cocoa powder	-650
2 tb	peanut butter	-510
½ cu	sesame seeds	-450
½ cu	cashews	-420
½ cu	carob powder	-310
½ cu	coconut	-290
½ cu	pistachio nuts	-240
½ cu	buckwheat flour	-230
½ cu	chickpeas (garbanzos)	-210
½ cu	brown rice	-190
½ cu	pecans	-180
4 sl	whole wheat bread	-160
½ cu	oatmeal, cooked	-130
½ cu	raisins	-130
½ cu	sunflower seeds	-120

These foods contain more arginine than lysine, so there is a deficiency in lysine. For example, if you eat ½ cup of peanuts, you have about a 2,000 mg. lysine deficiency. You need to balance this with four 500 mg. tablets of L-lysine, or by eating 2,000 mg. of high-lysine foods.

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COLLECTORS BULLISH ON PLATES

J. Roderick MacArthur's Bradford Exchange is to "plate-aholics" what Wall Street is to highfliers in the stock market.

by Holly Miller

The best advice coming from the buy-and-sell world of a busy Chicago trading floor is that it's a good time to be a bull in the china market.

The commodity is collector's plates—limited-edition plates, that is—and according to the Bradford Exchange, these fragile collectibles currently are the most widely traded art form in America. And Bradford ought to know. As the world's largest trading center for limited-edition plates, its agents handle more than 7,000 transactions daily at exchange headquarters in the Chicago suburb of Niles, and they process buy-and-sell orders not only for the 1,000-plus plates listed on the exchange but also for another 1,000 over-the-counter plates. Small wonder that when a Bradford plate broker talks, collectors listen.

"You'd think that, as people have less disposable income, they'd buy fewer plates because, after all, plates are hardly a necessity," says J. Roderick MacArthur, director of the Bradford Exchange's board of governors. "But that hasn't happened. People think of plates as an investment, a hedge against inflation."

The exchange discourages its brokers from recommending specific plates as investment purchases because demand is impossible to predict. The plate market, like Wall Street, is subject to peaks, plummets, slumps and even crashes. Many collectors still cringe when they recall the crash of '72, brought about by a silver plate that failed to live up to its preissue promises. It was advertised as having an acid-etched design, but arrived on the market with a stamped image instead. Thousands of collectors who ordered the plate before it was produced were furious. Their disillusionment spilled over to affect the entire market, and prices tumbled.

"Collectors went bonkers," says Barbara White, director of the Bradford Exchange trading floor. "They simply stopped buying plates."

Eventually, the market rallied, and today the phenomenon of tucking away blue-chip plates produced in limited editions is practically a national pastime. At the beginning of 1981, there were an estimated 5.9 million plate collectors in the world, with about 4.4 million in the U.S., 425,000 in Canada, 300,000 in Germany and 190,000 in England. In spite of the expanding numbers, the market fluctuates and occasionally is subject to what MacArthur dismisses as "an uninteresting year."

"Of course, it goes in cycles," he explains. "One year, plates rise in value, editions sell out, prices go up and everyone's excited. Then we might have a period of overproduction—a real glut—when dealers wind up with plates on their shelves, collectors try to resell but find there's no market, and everyone's disillusioned."

Such are the risks of playing the plate market. Fortunately, the stakes are not nervously high—

Plate artist Edna Hibel and Rod MacArthur open the Collector's Plate Hall of Fame in Palm Beach Gardens, Florida (above). The Bradford collection at Niles, Illinois, contains 1,000 plates valued at $250,000.

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most new issues range in the $20-$40 bracket—and the typical collector often develops such a fondness for his or her acquisition that it ends up in the sideboard rather than on the Big Board.

While plate collecting in the U.S. has only become big business in recent years, its roots stretch back to Denmark, where, according to legend, wealthy citizens distributed gifts of food on beautiful wooden plates during the Christmas season. After the food was enjoyed, the plate was accorded a place of honor in hopes of keeping the Christmas spirit intact all year. Whether or not this legend is true is anyone's guess, since no fancy wooden plate has ever surfaced to support the tale. Even if one were discovered, it wouldn't qualify as a collector's plate by today's yardstick because it wasn't produced in a limited edition large enough to allow active trading, but small enough to assure demand.

Actually, the first bonafide limited-edition collector's plate didn't make its market debut until 1895, when Copenhagen's Bing & Grondahl House produced a delicate blue-and-white Christmas plate called "Behind the Frozen Window." Selling for two kroner ($.50) each, the plate was offered for a year, and then the mold was destroyed and its 1896 successor introduced. The series continues today, with the 1981 "Christmas Peace" plate carrying a price tag of $49.50 at the time of its issue. The first in the series is the most coveted, of course, since best estimates indicate only 400 were produced. The last time the Bradford Exchange handled a transaction involving "Behind the Frozen Window," the selling price was $4,000.

Interest in a series tends to diminish once the series ends, but plates issued annually become almost habit-forming to collectors, who happily call themselves "plate-aholics." Often collectors who buy recent plates within an established series eventually decide they want to locate and buy the earlier plates on the secondary market. After all, owning an entire series except, for instance, the 1963 and the 1975 plates is like owning a set of encyclopedia without the Js and Ms. But how

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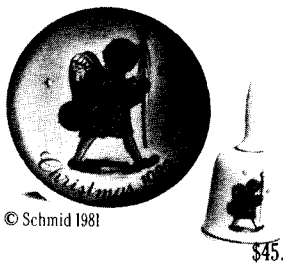

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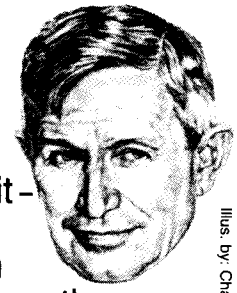

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can a specific plate, several years old, be located? This is where the Bradford Exchange, with its corps of brokers, assistants and network of 1,800 affiliated dealers, comes into the picture.

"The trading-floor's function is to get anything for anybody," says a Bradford broker. "We either go into the market and provide the plate at the original issue cost, or if it's on the secondary market (an older plate), we try to get it at a good price."

On each of his Country Ladies plates, artist Michael Yates serves up a design of sheer beauty and grace.

Using his pencil sketch, the artist gauges the cutting depths in preparation for engraving a plate.

The idea for the Bradford Exchange occurred to entrepreneur Rod MacArthur in the early 1970s when he noticed both the growing interest in limited-edition plates and the absence of any central clearinghouse to assist collectors. He refutes the notion of being a collector by nature himself, in spite of the fact that he dabbles not only in plates but in rare cars. His hand-picked fleet of vehicles includes three Ferraris, a 1937 Cord and a '57 Rolls-Royce that was commissioned by Queen Mary for the governor of Rhodesia. He also owns Hammacher Schlemmer, the 133-year-old New York emporium of unusual gifts and exotic gadgetry.

"No, I don't think of myself as a collector," he insists. "It was the potential of the Bradford Exchange that got me interested in plates. I heard about it more from the business rather than the collector's point of view."

Whatever the origin, it was a timely idea. Not only were plate buyers and sellers eager to be put in touch with one another by a reputable matchmaker, but they were also hungry for market information—current quotations on specific plates, news of upcoming editions and reference guides to help them identify and to appreciate the fragile collectibles. MacArthur soon initiated the Market Bradex, a sort of Dow Jones index of the plate market, with lists of individual plate names, prices at first issue, highest known offering prices, lowest known offering prices and current selling prices. *The Bradford Book of Collector's Plates*, a beautifully colorful reference book, was introduced in 1976 and is recognized today as the definitive annual textbook for the plate-collecting hobby.

An enormous skylight cuts through the entire length of the building's roof, allowing the sun to shine down on exotic greenery, reflecting pools of water and tables where employees and visitors can conduct meetings or enjoy lunch from the in-house cafeteria. Business is transacted within a maze of office cubicles, each of which is decorated by its current inhabitant. Macrame wall hangings, helium-filled balloons and lots of plates add a personal touch to the lookalike cubbyholes. MacArthur operates out of a larger than usual cubicle amid a hodgepodge of memorabilia and stacks of *Plate World* magazines.

"The trick to plate collecting is getting in as early as you can," he advises. "In other words, get your plate at issue price before it sells out and the price begins to rise. Of course, there's no harm in buying even after the price goes up; and everybody should buy a plate if he's really in love with it, no matter what the market value."

While *Plate World*'s annual reader survey affirms that the typical American plate collector is a married homemaker in her 40s who has been collecting three to five years and owns from 31 to 50 plates, those statistics are likely to change. Bradford brokers representing the exchange at swap 'n' sell sessions and conventions around the country claim they're seeing more young collectors.

"Teen-agers usually get started when their mothers or grandmothers buy them a plate or two for their rooms. Then, suddenly, the kids are buying them, too," says Barbara White.

A new plate series, based on the "Annie" cartoon character, is expected to appeal to fans of the 58-year-old comic strip, persons who have enjoyed the Broadway show and movie-goers who might see the film, which was released in June. Knowles China Company will produce the plates, and the Bradford Exchange has been granted sole North American distribution rights.

Innovative ideas, such as tapping into the popularity of a major motion picture, keep interest high in the plate industry. While new collectors are usually drawn into the hobby by the familiar appeal of an Annie, a Snoopy or a Hummel character, many stay on to appreciate contemporary artists who are known only in the colorful world of plate art.

"I consider plates a really excel-

Continued on page 108

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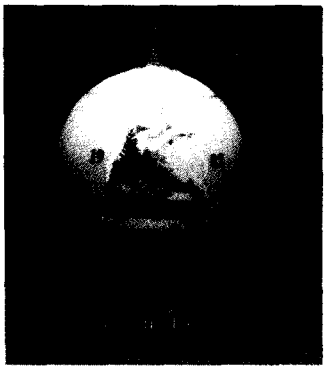

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THE COLLECTIBLE CRAZE

Suddenly everyone is investing in collectibles. While conventional collectors cherish Hummels and Rockwell reproductions, a new breed is also buying Snoopy music boxes, Muppets memorabilia and Dolly Dingle plates.

by Anthony DeMasi

The term "collectible" once meant a blue-and-white porcelain plate—decorated with a Christmas scene, a Dresden figurine or a souvenir spoon. Well, not so anymore. While these items are still very popular, today's collectibles can be almost anything—anything the collector believes will increase in monetary value and which, of course, reflects his or her personality and tastes. Many of today's collectible buyers were raised on television and comic books, and the heroes they loved as children are taking on renewed importance in adulthood.

The noted Spanish figurine designer Lladro has literally added a new dimension to Norman Rockwell's Nov. 7, 1931, *Saturday Evening Post* cover, "Practice Makes Perfect."

Just Snoopying Around

The prime example of this is Snoopy, Charles Schultz' "Peanuts" character. People just can't get enough of this world-famous canine. Anything remotely connected with Snoopy is collectible and therefore salable. More than 100 companies are now turning out "Snoopybilia," and their prices are (pardon the pun) far from peanuts. The Schmid Co., of Randolph, Massachusetts, for example, makes an annual Snoopy porcelain plate, bell and music box at Christmas time and another set to celebrate Mother's Day. This year's Snoopy Mother's Day plate is a limited edition of 10,000 that retails for $18.50. The matching music box retails for $35.

But hold onto your doghouse. The Snoopy syndrome doesn't end there. Determined Productions of San Francisco, the original Snoopy licenser ten years ago, has just introduced Belle, Snoopy's sister, a ringer for her brother, but with long eyelashes.

The Muppet characters also rate high as comic collectibles, especially Miss Piggy, whose likeness in many forms is a hot seller around the world, her burgeoning success further boosted by her best-selling book, the *Guide to Life*.

Rockwell Resurgence

For the bigger kids on the block, Norman Rockwell's immortal art is inspiring ever-increasing lines of collectible objects. The tidal wave of Rockwell-inspired products that flooded the market in 1979-80, just after the artist's death in 1978, caused such confusion among collectors that all but the diehards decided to give up trying to separate wheat from the chaff. Today's Rockwell fans are seeking top-quality design and craftsmanship and licensed illustrations that can be found only on merchandise from the best companies.

Long-respected manufacturers such as Gorham, Schmid, the Danbury Mint, the Hamilton Mint, the Franklin Mint and Dave Grossman Designs have announced plans to release additional Rockwell items. Among the more interesting Rockwell collectibles is a seven-piece set of figurines adapted from Rockwell paintings by Spain's figurine master Juan Lladro Dolz, commissioned by Dave Grossman Designs. Although only samples are available at present, a 5,000-piece edition of each is planned. The price of these sure-to-be highly sought collectibles: $600 each.

Continued on following page

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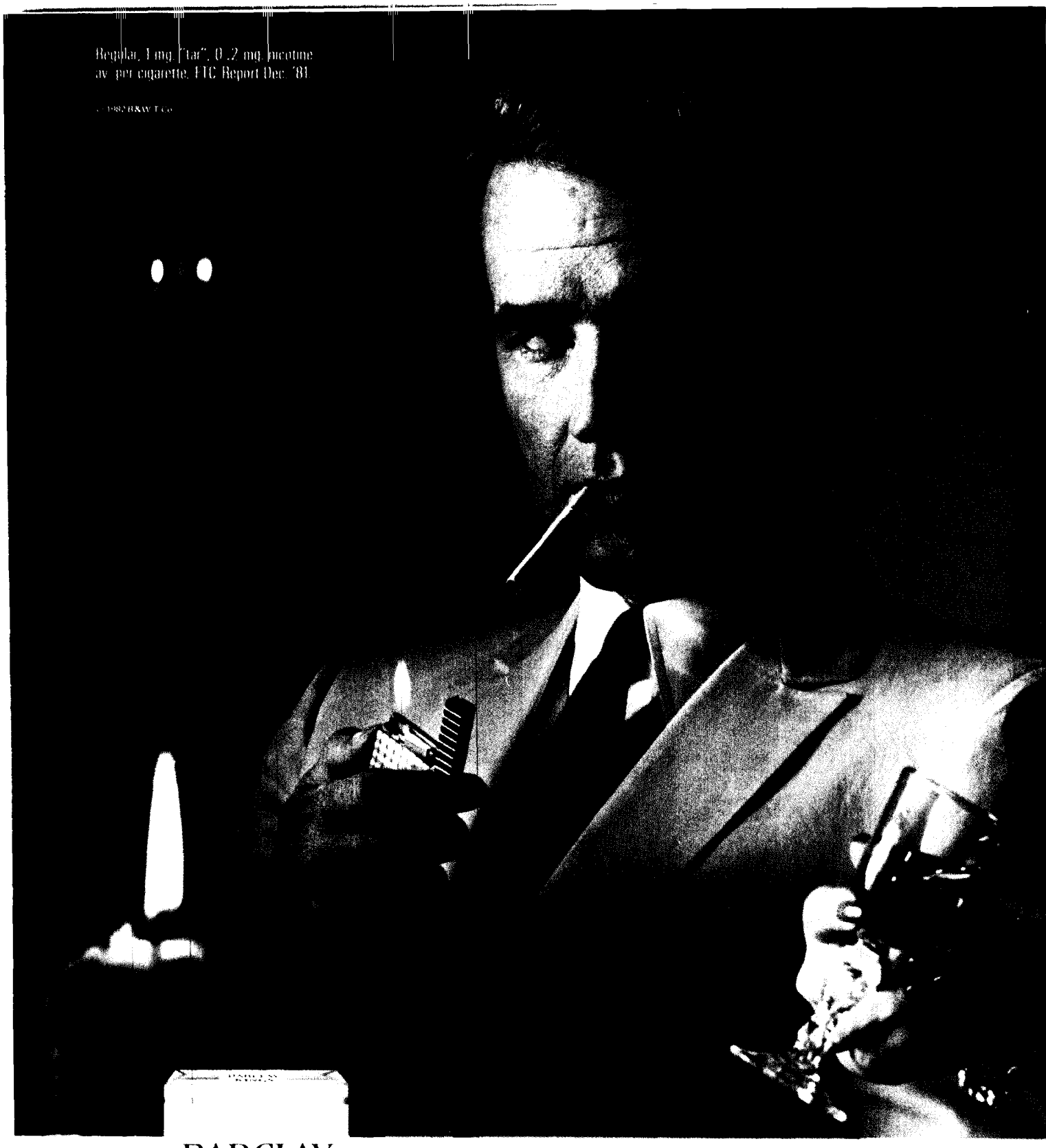

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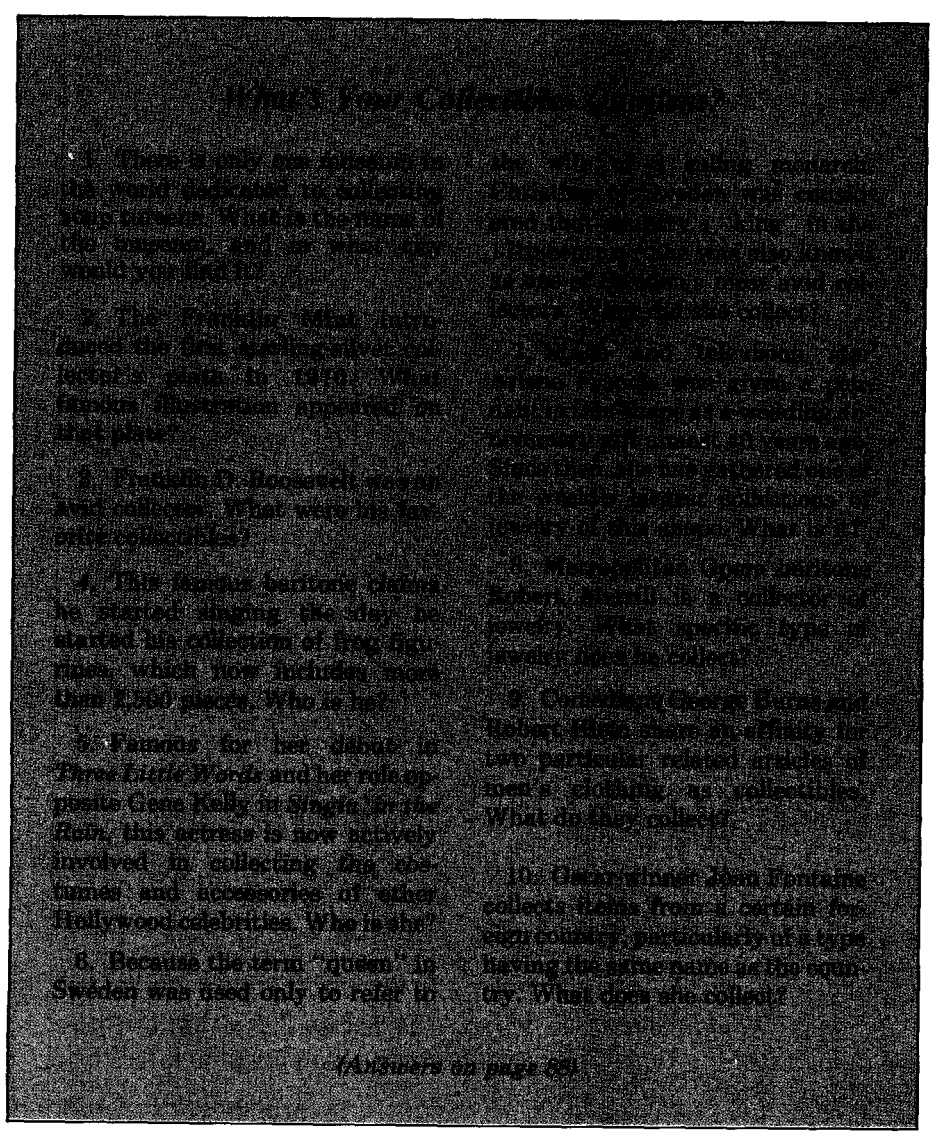
Hummel Hunting

The confusion that rocked the Rockwell scene and kept would-be collectors away has diminished; the hot spot now is with Hummels, those rosy-cheeked children from Germany. The question is, which Hummels are authentic—those marked with the signature M.I. Hummel or those signed Berta Hummel? The confusion arises from a quirk of history. Figurines marked M.I. Hummel, such as those manufactured by Goebel Company, were designed from the artwork produced by Sister Maria Innocentia Hummel while she was a member of the Third Order of St. Francis, Siessen Convent in the Swabian Alps. On the other hand, those marked B. Hummel or Berta Hummel, such as figurines manufactured by Schmid, were from artwork completed before Berta Hummel joined the convent. There are still collectors who want only one or the other, but both can be called true Hummels.

Hello Dolly

In a world where it's only a short jump from comic strips to the collector's shelf, even supermarket celebrities can become stars. Such is the case with Dolly Dingle, the little cartoon girl who started her career on the Campbell's Soup labels.

Artist Grace G. Drayton created Dolly in 1913. After Campbell's discontinued her, the little miss found some popularity as a cut-out paper doll. She officially entered the collectibles market only last January as a decoration on figurines and plates from House of Global Art. Her four-plate set, entitled World Traveler Series I, sells for $120, each accompanied by a certificate of authenticity.



Beatitudes and Beasts

Once an item becomes a collectible, there's little choice but to fulfill the demand for it. Such has been the experience of two relatively new collectibles' enterprises, Jonathan & David and Savage Eye.

Ministers and artists, Sam Butcher and Bill Biel started with talent, will power and only $40 to found Jonathan & David in 1971. Their first display of artwork, a handful of cards depicting Precious Moments, was shown in a four-foot booth at a Christian Booksellers' convention. Buyers liked what they saw so much that fellow exhibitors had to help Sam and Bill process their paperwork. Today, Precious Moments is one of the most popular lines of collectibles. The initial cards were turned into books and other products, all Bible-inspired. Demand for Precious Moments works became so great that Sam and Bill had to license the rights to other companies, of which Enesco Co., in Elk Grove Village, Illinois, has been the most successful. Enesco started a Precious Moments Collectors' Club in 1981 with a goal of 10,000 members for the first year. In February of this year, the club already had 80,000 dues-paying collectors.

Savage Eye collectibles appeal to somewhat different tastes. The company began making realistic character masks of latex mainly as Halloween and party costumes and for use in motion pictures. But people discovered the artistic value of these works, and a new collectible was born. Converting the original art into the manufactured product demands hours of work. For a lifelike effect, the latex must be perfectly cast and the paint blended and shaded appropriately for the finished product. The masks are now sought after by department and gift stores as well as theatrical and novelty shops.

Years ago, people surrounded themselves with art objects that reflected their economic status and sophistication. Today, people prefer to display objects that make them comfortable and reflect their personal tastes, be these dishes, masks, beer cans or Boehm porcelain flowers.

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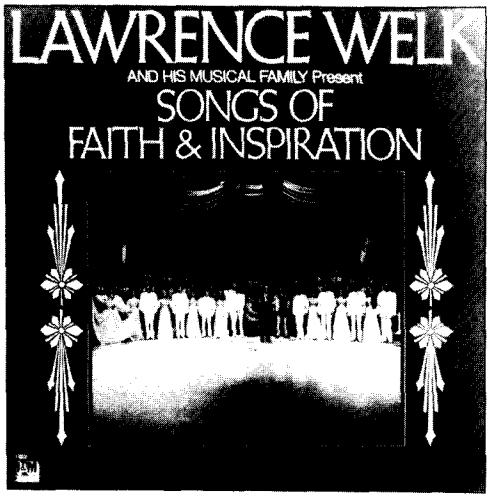

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THE 'CANDY' THAT KILLS

For all its beneficial effects, aspirin, the most common and cheapest drug, can be dangerous if taken in large quantities—and the majority of its accidental victims are young children.

by Berton Roueché

Illustrated by Lucian Lupinski

The investigation into the case of Richard Poole that Dr. Harold Jacobziner, assistant commissioner for Maternal and Child Health of the New York Health Department and chief of the department's Poison Control Center, had requested fell to a visiting nurse named Veronica Flynn. Miss Flynn received the assignment when she reported for duty at the Corona District Health Center on Thursday morning, May 5, and she set about discharging it without excitement or delay. A chronicle of her findings, which she wrote and posted late that afternoon, reached Dr. Jacobziner the following day. It made sad but familiar reading.

"I had 15 others almost exactly like it in my files," Dr. Jacobziner said the other day. "All children, all accidents, all totally inexcusable. Only the details were different. Fifteen cases may not sound like very many. It wouldn't be today, of course. But it was then. In May 1955, my file on acetylsalicylic-acid intoxication didn't go back very far. It only went back a couple of months—to the middle of March, in fact. That was when we established our Poison Control Center, with Harry Raybin, an extremely competent chemist, as its technical director. There wasn't any file on aspirin or any other kind of poisoning until then. The accumulation of epidemiological data is merely one phase of our work at the center. The function of the center is primarily educational. That takes two forms. One is to provide doctors and hospitals in the city with a source of accurate emergency information when they come up against some unfamiliar kind of poison. There are hundreds of potentially toxic chemical substances in daily household use. Every now and then, some child takes it into his head to sample one of them. In many instances, the doctor who gets the case has only the most general notion of what to do. He may know what it was that the child ate. That usually isn't much of a mystery. It was Johnson's Cream Furniture Wax, say. But he doesn't know what's in it. Our people do. When we get a call for help, we have the answer ready, and also the antidote, if any. In return for that service, however, we

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require something of the doctors and hospitals. They must notify us promptly of every case of chemical poisoning that comes to their attention. That's essential to the other aspect of our educational function. It gives us a chance to study the particular how and why of such outbreaks, and, often enough, to do something to prevent their recurrence. Well, the Poole case gave us something to study, all right. Not because it was unusual in any of its particulars. In that respect, as I say, Miss Flynn's report was only too familiar. It didn't tell us much of anything that we didn't already know about the causes of acetylsalicylic-acid poisoning. What made it a study was this: There was almost nothing that is known about the problem that wasn't present. It was practically a model of carelessness, bad luck and ignorance.

"Miss Flynn's report was also something of a model. It couldn't have been more explicit. She began with a note on the boy. He was still at Whitestone Memorial, and his condition, at the moment of writing, was listed as serious. The report then took up the results of her investigation. She had paid a visit to the Poole home and talked to Mrs. Poole. The Pooles had a flat in a remodeled house—living room, kitchen, bathroom, bedroom. Richard was their only child. Mrs. Poole, however, was pregnant. She was in her fifth month, often felt unwell and spent much of her time lying down. Mr. Poole was a subway guard and worked an early shift. He was not at home at the time of the accident. That was somewhere between 8:30 and 9:00 on Wednesday morning. He had been gone since 6:00. Mrs. Poole was at home, but in bed and asleep. She didn't know when Richard had got up. He had had a slight cold for a couple of days, and she had supposed that he would sleep late, too. 'Hoped' might be a better word. Assuming, that is, that she thought about it at all. At any rate, she was mistaken. He didn't sleep late. He was up by at least 8:30. Up and about, running loose in the apartment, for all practical purposes alone. And only three years old. That was the setting. It makes a nice picture, doesn't it? Absolutely custom-built for trouble and absolutely standard. They all begin that way.

"It was almost 9:00 when Mrs. Poole woke up. When she finally woke up, I should say. A little earlier, around 8:30, she had opened her eyes for a minute and noticed that Richard's bed was empty. Or so she decided later. At the moment, it didn't make much impression on her. She was too comfortable, too sleepy. The second time was different. She didn't just wake up—she was awakened. By a noise. It sounded like breaking glass, and came from somewhere in the flat. She rolled over and sat up, and this time there wasn't any doubt about it. Richard wasn't in his bed. She called to him, and he answered her at once and in his normal voice. He was playing in the living room. That relieved her mind, but it didn't explain the crash. She got out of bed and went to investigate. Her first stop was the bathroom, and that was it. The medicine-cabinet door was open, there was an aspirin bottle on the floor, and the basin was a litter of broken glass and vitamin pills. She stared at the mess, and then walked into the living room and asked the child what had happened. Candy, he said. He was hungry. He'd been looking for candy. In the bathroom? she said. They didn't keep candy in the bathroom. He knew that perfectly well. She told him he ought to be ashamed of himself. And so on, until he began to cry. She gave up in exasperation, went back to the bathroom and cleaned it up. Then she put on some coffee and returned to the bedroom to dress. She was almost dressed when it suddenly dawned on her that the aspirin bottle had been empty. Not only empty but uncapped—and no tablets on the floor or in the basin or anywhere. But it shouldn't have been empty. They had only bought it on Sunday—the day Richard caught his cold. She dug it out of the wastebasket and looked at it. It was a small bottle, but there should have been at least 30 tablets left in it.

"Miss Flynn later saw the bottle. Mrs. Poole had kept it, and showed it to her during their talk. The facts—or, rather, some of them—

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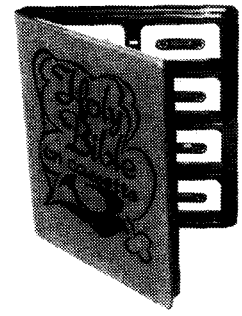

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were on the label. It was, as expected, baby aspirin. That means colored pink for eye appeal and flavored orange for palatability. One-and-a-half grains per tablet. There had been 40 tablets in all. But, of course, no warning. Nothing about potential toxicity. Only some mumbo jumbo in fine print advising adult supervision. Nothing to frighten the customer. Nothing that frightened Mrs. Poole, anyway. At least, not at first. I don't mean that she wasn't upset. All her reactions were normal. But mostly she was simply bewildered. It was quite obvious what had happened to the rest of the aspirin pills. She realized that at once. Richard had as good as told her. He'd eaten them. What she couldn't understand was why. It seemed fantastic. What had got into him? Why had he wanted to eat a bottle of pills—a bottle of medicine? It wasn't fantastic, however. Not in the least. As she learned the minute she asked him. He didn't know it was medicine. He thought it was candy. Why? Because it tasted like candy. That was one reason. There was also another reason—just as good, or better. Mrs. Poole was like all the other mothers in our files. She had told him it was candy. She had told him so on Sunday and Monday and again on Tuesday, and probably many other times as well. It had seemed, she thought, the easiest way of getting him to take it. What Mrs. Poole did next was also painfully typical. She looked at Richard, and he looked all right. Then she asked him how he felt. He said he felt fine. I suppose she was still uneasy, but that seemed to be that. So she relaxed. It would be easy enough to blame her, but you can't. It wouldn't be fair. She didn't know that anything serious had happened. She had the universal attitude that aspirin isn't really a drug. It's something else. Because drugs are something they sell only in drugstores, and you can get a dose of aspirin anywhere—at a lunchroom or a soda fountain or on a train. It's just aspirin.

"I'm speaking for myself, of course. That's only my interpretation. Miss Flynn didn't interpret. She simply gave the facts. And one of the facts was that Mrs. Poole, understandably or not, wasn't greatly alarmed. Aspirin poisoning doesn't manifest itself in a minute. It takes a little time to catch hold. So when Richard went on playing in a perfectly normal manner, she was reassured. She calmed down. She finished dressing and helped him into his clothes, and they had breakfast. Richard didn't eat much, but there was nothing strange about that. He hadn't eaten much since Sunday. He never had much appetite with a cold. After breakfast, she got him settled with his toys in the living room and went to work. There were the dishes to wash and the beds to make and the rest of the household chores. That must have been about ten o'clock. Well, around 10:30 she stopped for a rest. Richard seemed still absorbed in his toys. She asked him how he was feeling. He didn't answer. Instead, he began to cry. She dropped down on the floor and put her arms around him, but he twisted away. That wasn't like him. He was almost never cranky. She pulled him back and felt his forehead. It was cool but wet. He was streaming with perspiration. Even his clothes were damp. After a moment, he stopped crying, and began to whine and whimper. His stomach hurt, he said. So did his head. He hurt all over. Then, all of a sudden, he vomited.

"I couldn't sleep, so I came down and made myself a nightcap."

"I don't know what Mrs. Poole thought. The chances are she was too frightened to actually think. But she did what any mother would do. She picked him up and carried him in to his bed and tried to make him comfortable. Then she took his temperature. It was normal. As it always is, of course, in such cases. But it was reassuring to her, and by 11:00 she thought he seemed a little better. The sweating had stopped and he was resting quietly. That usually happens at about that point. Sweating and irritability are early symptoms. They soon give way to just the reverse—dryness and lethargy. Now he wasn't really resting. He was doped. In any event, he didn't seem better for long. Half an hour later, he vomited again. Then he started breathing very hard and fast—another classic symptom. That, I gathered, was when the truth began to penetrate. Hyperventilation can be a frightening sight, and it must have terrified Mrs. Poole. She couldn't call a doctor. She knew no doctor to call. The Pooles didn't have a doctor—not even an obstetrician. But I must say she kept her head. She didn't collapse or run screaming out to the neighbors. She wrapped the boy up in a blanket and took him straight to Whitestone Memorial. Also, apparently, she told them exactly what had happened. Aspirin intoxication is an extremely difficult condition to diagnose. Unless there's a clue in the history, you have to work it out by test and elimination, and even then it's very often missed. Its actual incidence is probably many times greater than any of us realize. The treat-

Continued on page 114

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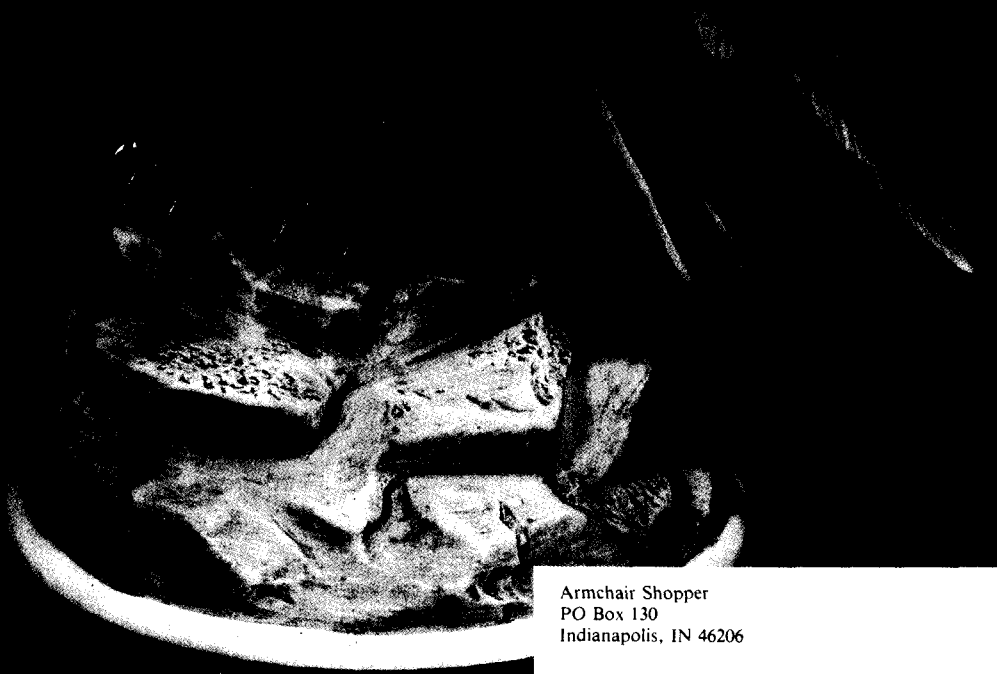

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A GOURMET SHAKES THE SALT HABIT

Craig Claiborne's high-sodium diet was killing him, his doctor said, so he revised his seasoning priorities and found new joy in dining.

by Ted Kreiter

When a gourmet who is also a food editor—and for the *New York Times* yet—stops using salt, any chef who's worth his pepper takes note. Not only has cookbook author Craig Claiborne banished salt from his own table, he is crusading against it as public food enemy #1.

While recipes in Claiborne's early tomes, such as *Cooking with Herbs & Spices,* published in 1963, are liberally sprinkled with tips to "add two teaspoons salt" and "salt to taste," his latest, the best-selling *Craig Claiborne's Gourmet Diet,* calls for "freshly ground black pepper to taste," "unsalted bread for dipping," "unsalted chicken" and so forth. He describes in the foreword his boyhood addiction to salt and his metamorphosis to a salt-free later life.

Turning his back on the universal seasoning was not easy for Claiborne, who was raised in the South and exposed from an early age to his mother's boarding-house cuisine. His father, a wealthy landowner, had lost everything in the crash of '29, and thus the boarding house was started to keep the family from abandoning the habit of eating altogether.

His early love for Southern cooking, heavy on salt, followed him from Indianola, Mississippi, to New York, where, as an editor and an ad man for food products, he avidly promoted the 2½-teaspoons-a-day salt diet of the average American.

"For as long as I can remember, I could sit down to a plate of anchovies, with only olive oil, lemon juice or vinegar to dress it, and have a feast," he recalls in a confession that makes St. Augustine and Nat Turner look like amateurs. "A single, salty sour pickle has never been enough for me. I preferred Margaritas to other cocktails because of the rim of salt on the glass. Years ago in Japan, I learned the pleasure of foods dipped in soy sauce (almost 100 percent salt) and lime juice. A platter of salty, sour sauerkraut can almost be my undoing, and I have a craving for straight sauerkraut juice over ice."

The author of 14 books on cooking, Craig Claiborne is one of the world's most renowned gourmets.

The halt to salt came when Claiborne was diagnosed with hypertension, and he reluctantly struck up a saltless, modified-fat-and-sugar diet recommended by Dr. Joseph Rechtschaffen of Doctors' Hospital. Much to his surprise and delight, he discovered his beloved salt had heretofore been masking those magnificent natural food flavors—flavors he now believes are better complemented by fresh herbs, spices and creative cooking. "I never knew the depth of flavor of arugola until now, without salt," he says.

Fine feasts are possible without going "salt-shaker crazy," and Claiborne has set out to prove it with his book (see sample recipe below). He also happily reports that his hypertension has diminished. Claiborne feels strongly that others are flirting with high blood pressure and high doctor bills if they ignore his warning. "They should label salt just as they do cigarettes," he says, "saying it is injurious to your health."

Chicken and Port Wine Ragout
(Yields 4 servings)

1 2½-pound chicken, cut into serving pieces
Freshly ground black pepper
2 tablespoons peanut, vegetable or corn oil
¾ cup finely chopped onion
1 tablespoon chopped garlic
2 tablespoons chopped parsley
1 tablespoon coarsely chopped fresh basil, or 1 teaspoon dried
1 cup fresh or canned unsalted tomato sauce
⅓ cup plus ¼ cup port wine
⅛ teaspoon or more crushed hot red pepper flakes

Sprinkle the chicken with pepper. Heat the oil in a skillet large enough to hold the chicken in one layer. Add the chicken, skin side down, and brown on one side. Turn and brown on the other side. The total time for browning is about 15 minutes. Carefully pour off the fat from the skillet. Add the onion, garlic, parsley, basil, tomato sauce and ⅓ cup port wine. Cover and cook for 25 minutes. Add the remaining port wine. Sprinkle with the crushed red pepper and stir.

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An American Legend.

*"Feo, fuerte y formal."**

Painting by Everett Raymond Kinstler

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**In the August 8, 1969 issue of Time magazine, John Wayne said he would like to be remembered in these words, which in English mean, "He was ugly, was strong and had dignity."*

COLT – an American heritage

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ADVENTURES OF THE MIND

Can We Know The Universe?

By CARL SAGAN

Science is a way of thinking much more than it is a body of knowledge. Its goal is to find out how the world works, to seek what regularities there may be, to penetrate to the connections of things—from subnuclear particles, which may be the constituents of all matter, to living organisms, the human social community and thence to the cosmos as a whole. Our intuition is by no means an infallible guide. Our perceptions may be distorted by training and prejudice or merely because of the limitations of our sense organs, which, of course, perceive directly but a small fraction of the phenomena of the world. Even so straightforward a question as whether in the absence of friction a pound of lead falls faster than a gram of fluff was answered incorrectly by Aristotle and almost everyone else before the time of Galileo. Science is based on experiment, on a willingness to challenge old dogma, on an openness to see the universe as it really is. Accordingly, science sometimes requires courage—at the very least the courage to question the conventional wisdom.

Beyond this, the main trick of science is to *really* think of something: the shape of clouds and their occasional sharp bottom edges at the same altitude everywhere in the sky; the formation of a dewdrop on a leaf; the origin of a name or a word—Shakespeare, say, or "philanthropic"; the reason for human social customs—the incest taboo, for example; how it is that a lens in sunlight can make paper burn; how a "walking stick" got to look so much like a twig; why the Moon seems to follow us as we walk; what prevents us from digging a hole down to the center of the Earth; what the definition is of "down" on a spherical Earth; how it is possible for the body to convert yesterday's lunch into today's muscle and sinew; or how far is up—does the universe go on forever, or if it does not, is there any meaning to the question of what lies on the other side? Some of these questions are pretty easy. Others, especially the last, are mysteries to which no one even today knows the

About the Author

America's best-known astronomer, Dr. Carl Sagan gained worldwide recognition for his 13-part PBS television series, "Cosmos." An accomplished scientist, he was awarded the NASA medals for Exceptional Scientific Achievement and for Distinguished Public Service. Dr. Sagan has published more than 400 scientific and popular articles and is the author, coauthor or editor of more than a dozen books. In 1978, he received the Pulitzer Prize for literature for his book *The Dragons of Eden*. He is presently director of the Laboratory for Planetary Studies and David Duncan professor of Astronomy and Space Sciences at Cornell University and is working on his first novel, *Contact*, a story of the future to be published by Simon & Schuster.

Photography by Bill Ray

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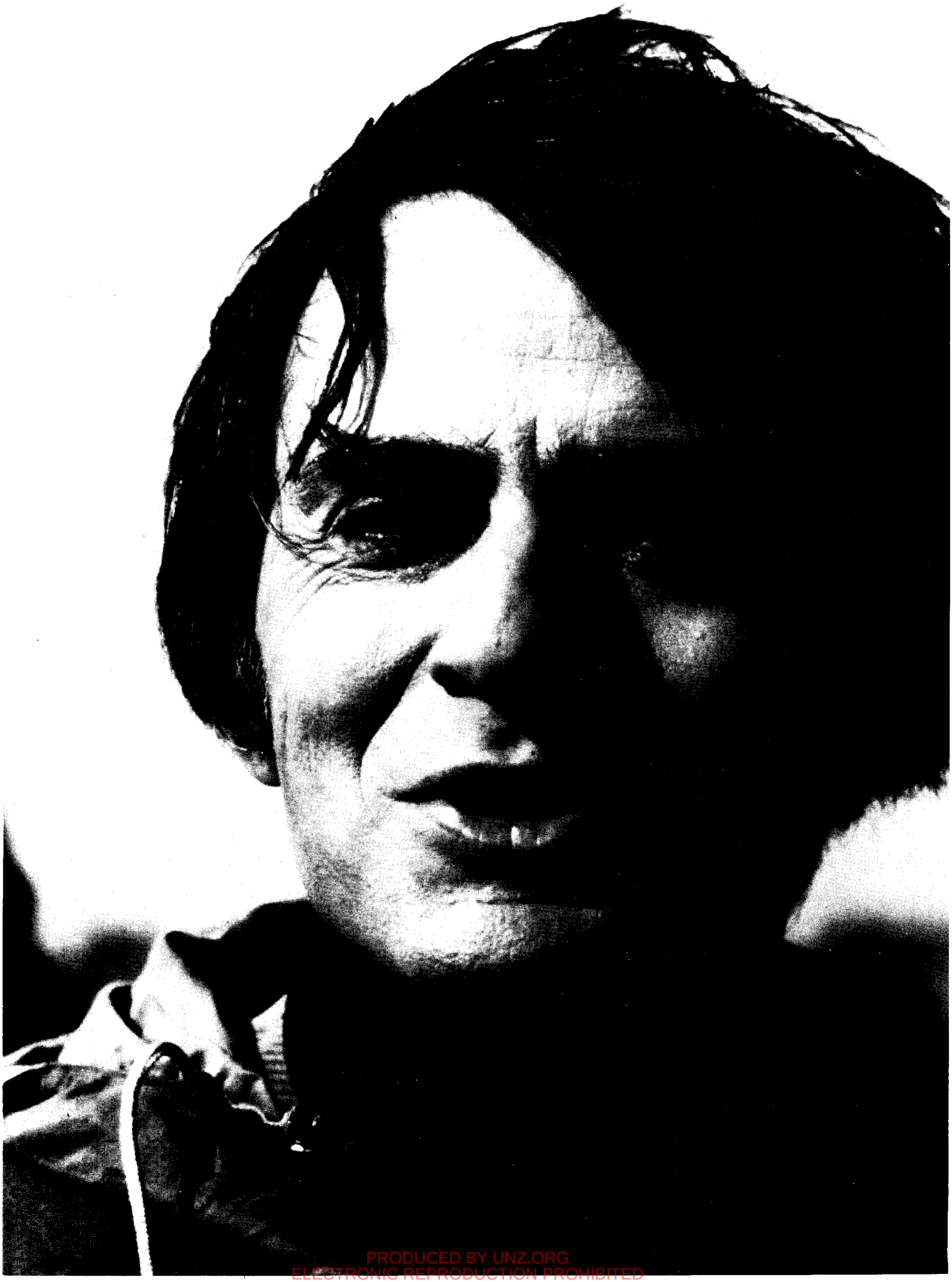

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answer. They are natural questions to ask. Every culture has posed such questions in one way or another. Almost always the proposed answers are in the nature of "Just So Stories"—attempted explanations divorced from experiment or even from careful comparative observations.

But the scientific cast of mind examines the world critically as if many alternative worlds might exist, as if other things might be here which are not. Then we are forced to ask why what we see is present and not something else. Why are the Sun and the Moon and the planets spheres? Why not pyramids, or cubes, or dodecahedra? Why not irregular, jumbly shapes? Why so symmetrical, worlds? If you spend any time spinning hypotheses, checking to see whether they make sense, whether they conform to what else we know, thinking of tests you can pose to substantiate or deflate your hypotheses, you will find yourself doing science. And as you come to practice this habit of thought more and more, you will get better and better at it. To penetrate into the heart of the thing—even a little thing, a blade of grass, as Walt Whitman said—is to experience a kind of exhilaration that, it may be, only human beings of all the beings on this planet can feel. We are an intelligent species and the use of our intelligence quite properly gives us pleasure. In this respect the brain is like a muscle. When we think well, we feel good. Understanding is a kind of ecstasy.

But to what extent can we *really* know the universe around us? Sometimes this question is posed by people who hope the answer will be in the negative, who are fearful of a universe in which everything might one day be known. And sometimes we hear pronouncements from scientists who confidently state that everything worth knowing will soon be known—or even is already known—and who paint pictures of a Dionysian or Polynesian age in which the zest for intellectual discovery has withered, to be replaced by a kind of subdued languor, the lotus eaters drinking fermented coconut milk or some other mild hallucinogen. In addition to maligning both the Polynesians, who were intrepid explorers (and whose brief respite in paradise is now sadly ending), as well as the inducements to intellectual discovery provided by some hallucinogens, this contention turns out to be trivially mistaken.

Let us approach a much more modest question: not whether we can know the universe or the Milky Way Galaxy or a star or a world. Can we know, ultimately and in detail, a grain of salt? Consider one microgram of table salt, a speck just barely large enough for someone with keen eyesight to make out without a microscope. In that grain of salt there are about 10^{16} sodium and chlorine atoms. This is a 1 followed by 16 zeros, 10 million billion atoms. If we wish to know a grain of salt, we must know at least the three-dimensional positions of each of these atoms. (In fact, there is much more to be known—for example, the nature of the forces between the atoms—but we are making only a modest calculation.) Now, is this number more or less than the number of things which the brain can know?

"The universe belongs to those who, at least to some degree, have figured it out."

How much *can* the brain know? There are perhaps 10^{14}, one hundred trillion. But this number is only one percent of the number of atoms in our speck of salt.

So, in this sense, the universe is intractable, astonishingly immune to any human attempt at full knowledge. We cannot on this level understand a grain of salt, much less the universe.

But let us look a little more deeply at our microgram of salt. Salt happens to be a crystal in which, except for defects in the structure of the crystal lattice, the position of every sodium and chlorine atom is predetermined. If we could shrink ourselves into this crystalline world, we would see rank upon rank of atoms in an ordered array, a regularly alternating structure—sodium, chlorine, sodium, chlorine, specifying the sheet of atoms we are standing on and all the sheets above us and below us. An absolutely pure crystal of salt could have the position of every atom specified by something like 10 bits of information. This would not strain the information-carrying capacity of the brain.

If the universe had natural laws that governed its behavior to the same degree of regularity that determines a crystal of salt, then, of course, the universe would be knowable. Even if there were many such laws, each of considerable complexity, human beings might have the capability to understand them all. Even if such knowledge exceeded the information-carrying capacity of the brain, we might store the additional information outside our bodies—in books, for example, or in computer memories—and still, in some sense, know the universe.

Human beings are, understandably, highly motivated to find regularities, natural laws. The search for rules, the only possible way to understand such a vast and complex universe, is called science. The universe forces those who live in it to understand it. Those creatures who find everyday experience a muddled jumble of events with no predictability, no regularity, are in grave peril. The universe belongs to those who, at least to some degree, have figured it out.

It is an astonishing fact that there *are* laws of nature, rules that summarize conveniently—not just qualitatively but quantitatively—how the world works. We might imagine a universe in which there are no such laws, in which the 10^{80} elementary particles that make up a universe like our own behave with utter and uncompromising abandon. To understand such a universe, we would need a brain at least as massive as the universe. It seems unlikely that such a universe could have life and intelligence, because beings and brains require some degree of internal stability and order. But even if in a much more random universe there were such beings with an intelligence much greater than our own, there could not be much knowledge, passion or joy.

Fortunately for us, we live in a universe that has at least important parts that are knowable. Our

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common-sense experience and our evolutionary history have prepared us to understand something of the workaday world. When we go into other realms, however, common sense and ordinary intuition turn out to be highly unreliable guides. It is stunning that as we go close to the speed of light our mass increases indefinitely, we shrink toward zero thickness in the direction of motion, and time for us comes as near to stopping as we would like. Many people think that this is silly, and every week or two I get a letter from someone who complains to me about it. But it is a virtually certain consequence not just of experiment but also of Albert Einstein's brilliant analysis of space and time called the Special Theory of Relativity. It does not matter that these effects seem unreasonable to us. We are not in the habit of traveling close to the speed of light. The testimony of our common sense is suspect at high velocities.

Or consider an isolated molecule composed of two atoms shaped something like a dumbbell—a molecule of salt, it might be. Such a molecule rotates about an axis through the line connecting the two atoms. But in the world of quantum mechanics, the realm of the very small, not all orientations of our dumbbell molecule are possible. It might be that the molecule could be oriented in a horizontal position, say, or in a vertical position, but not at many angles in between. Some rotational positions are forbidden. Forbidden by what? By the laws of nature. The universe is built in such a way as to limit, or quantize, rotation. We do not experience this directly in everyday life; we would find it startling as well as awkward in sitting-up exercises, to find arms outstretched from the sides or pointed up to the skies permitted but many intermediate positions forbidden. We do not live in the world of the small, on the scale of 10^{-13} centimeters, in the realm where there are 12 zeros between the decimal place and the one. Our common-sense intuitions do not count. What does count is experiment—in this case, observations from the far infrared spectra of molecules. They show molecular

Continued on page 108

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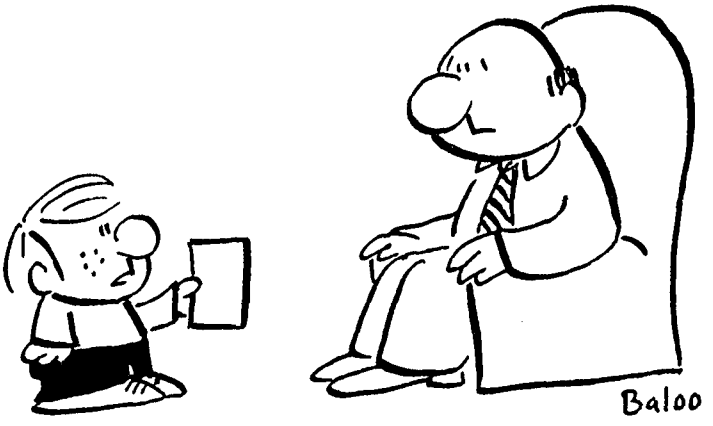
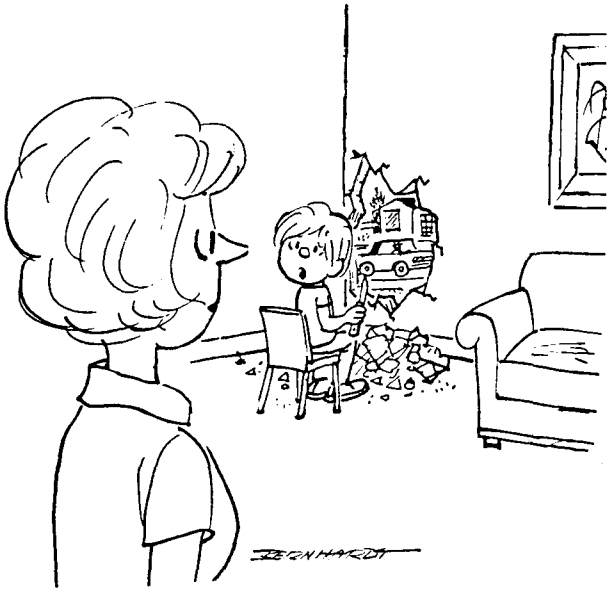
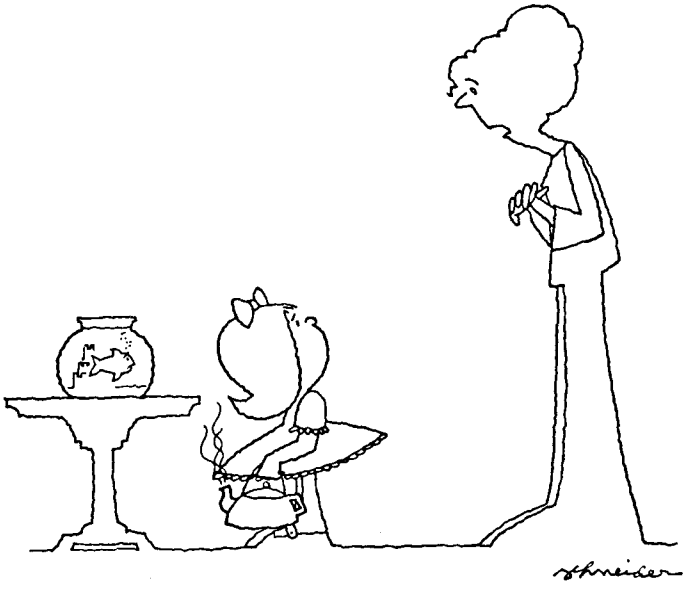


"It's a crank note from my teacher."



"Did you expect me to sit in this corner staring at a blank wall?"



"Dear, I don't think Fishy wants *a sauna."*

"Yes, I'm made of flesh and bone. What did you expect?"

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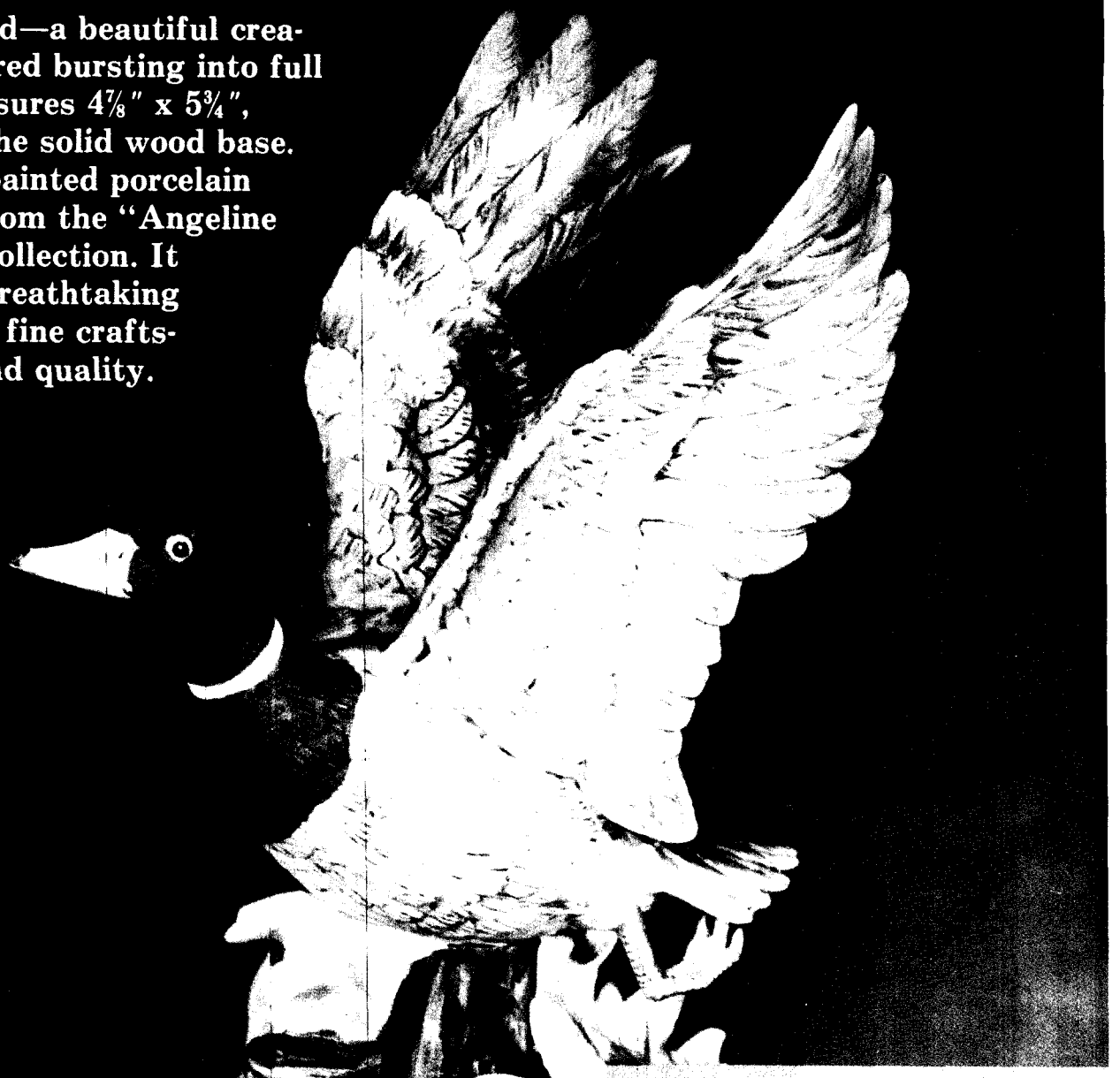

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Those revered men and women who fought for our freedom 200 years ago have their counterparts today—in business, entertainment, education and sports, as well as in government.

atriot."

The word has the feel of history about it. It is an old-fashioned word. It evokes images of Revolutionary heroes, of sturdy colonists marching across a village green. Jefferson, Adams, Washington, Hancock, Paine, Warren, Revere—those are the names we associate with the word "patriot."

The New England professional football team is called the Patriots, and the team's logo, painted on every player's helmet, is a cartoon figure of an 18th-century colonist crouching over a football. That improbable pairing of symbols illustrates the modern, public tendency to think of a "patriot" in antique terms. It is a word peculiarly frozen in a single historical context.

But if the label is relegated to the Revolutionary past, the kind of men and women it describes is not. *A patriot is one who loves his country and who shows it in a significant way.* By that definition, contemporary America is still a land of patriots, of men and women whose lives demonstrate their love of country. Like their counterparts in earlier generations, theirs is a muscular, active patriotism that goes far beyond flagwaving and Fourth-of-July sentimentality. They do not simply say they love America; they do something about it.

Richard M. DeVos: "You can still make it in America today. Success is not sinful." He is one of our country's most energetic and eloquent patriots.

Richard M. DeVos is the prototype of the modern American patriot. He is a Michigan businessman, the president of Amway Corporation, an energetic and eloquent promoter of Americanism throughout his career. But the DeVos reputation for patriotism is much older than his involvement in party politics. For two decades, he has beat the drum for America, making hundreds of speeches before civic clubs, business groups and at colleges and high schools and conventions of all descriptions. His theme is always the same: "America is a great place to live. It's not a perfect land, but it's the best there is; and it is ours, so let's be proud of it and work to improve it." While the message itself is not unusual, DeVos delivers it with exceptional forcefulness. Whether he's speaking to corporate executives or Boy Scouts, he instinctively knows his audience; he identifies with what they think, how they feel. He cajoles, he roars, he reasons calmly, he exhorts—in short, he *communicates* with his listeners, and often, in the words of the *Green Bay Gazette*, he "moves from one standing ovation to another."

Michigan Congressman Guy Vander Jagt, who represents the Grand Rapids district in the House of Representatives, is an admirer of the DeVos style. He recently

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entered the text of a DeVos speech—an award-winning address entitled "Selling America"—into the Congressional Record, commenting: "Rich DeVos is truly one of the great 'salesmen' of America. Even more exciting than his business success is his dedication to the principles that have made this a great nation and his enthusiastic efforts to 'sell' America. DeVos does not see this land through rose-colored glasses, ignoring our faults and difficulties. Rather, he points to our virtues and emphasizes those qualities that make America the greatest place in the world."

The business success to which Vander Jagt refers is that of Amway Corporation, which manufactures and markets household products from its home office in Ada, Michigan. DeVos and Jay Van Andel, friends and partners since high school, began Amway in their basements in 1959 and have built it into an international company with more than a million independent distributors who market $1.4 billion worth of products worldwide each year. The two partners still own Amway and serve as chief executive officers on an equal basis, and the company is the base from which both men promote their views on political and civic issues. (Van Andel recently completed a term as national chairman of the United States Chamber of Commerce.)

Amway's growth from its modest origins to its present size and vitality has made the DeVos-Van Andel story something of a legend in entrepreneurial circles and has given the two partners considerable clout and public visibility. Amway has, in the past few years, acquired Mutual Broadcasting System, major radio stations in New York and Chicago and hotels in the United States and the Caribbean. DeVos and Van Andel have been the subjects of feature stories in a diverse lineup of periodicals ranging from *Reader's Digest*, which called them "Amway's amazing Dutch twins," to the radical *Mother Jones* magazine, which dubbed them "the Godfathers of the New Right." They are themselves the best evidence that the American system still gives its citizens an opportunity to move from obscurity into the powerful elite in a single generation.

Vice President Bush and Rich DeVos hold to a common cause: promoting the future of the American republic, now 206 years into its destiny.

Born in 1926, the son of a salesman, DeVos grew up in the Dutch-American community in Grand Rapids. He was a child of the Depression, from a fairly typical workingman's home in which everyone worked hard. "I peddled newspapers, worked in a gas station, that sort of thing. No big deal. Everybody did it. We may have been poor, but we certainly had no sense of being put down. We were no poorer than anybody else in those days."

The elder DeVos gave to his only son a relentless optimism about life in general and the business world in particular. "He was always positive, always upbeat," DeVos remembers, "and he always wanted to be in business for himself. He kept saying to me, 'You should get into business for yourself.' So from the time I got home from military service, we never really discussed getting a job. I don't ever recall thinking about a job or who I should work for. I was fortunate to have a greater partner and a good friend in high school. It was just a question of getting into business for ourselves and finding the business we were going to be in, so we moved in that direction with a positive belief in our abilities to do great things. My father said, 'You've got to do better than I have done. You've got to be a greater achiever. You're going to have to be a better man so you can do far greater things than I have ever done.' "

DeVos went directly from high school into the Army Air Corps and from there into the business partnership with Van Andel that led eventually to the beginning of Amway in 1959. However much his

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fortunes have changed in those years, the DeVos patriotic emphasis seems to have been always present. Even when his business was small and virtually unknown, DeVos committed much of his time to speechmaking on the blessings of being American. Then, as now, he regarded the survival of the free-enterprise system and that of his own business as inseparable. Like the president of any billion-dollar corporation, DeVos' time is his most valuable commodity, but he gives it generously to his advocacy of the American system.

"I guess I will always be a small businessman at heart," he told a convention crowd recently. "The small businessperson, of course, is the entrepreneur, the builder, the guy willing to take a chance to do something differently and better, cheaper or faster. This country achieved its greatness because of small-business men and women, and I am concerned that we maintain the climate which made it possible for me and for millions of others to start a business and to build it. . . . I am proud to be part of this system. . .this land. . .and I am prepared to defend all of it in any forum at any time!"

DeVos' "forum" is not always the speaker's rostrum. In 1975, he expressed his views in a book which was simply titled *Believe!* The book sold hundreds of thousands of copies, made the Top Ten bestseller lists of such papers as the *Chicago Tribune*, the Long Island daily, *Newsday* and the publishing trade magazine *Bookstore Journal*. One reviewer called it "an inspirational classic," and it remains a steady seller in paperback seven years after its release.

In 1981, DeVos was the subject of a full-length film based on the book and bearing the same title. Produced by Gospel Films, Inc., the documentary movie features DeVos as a spokesman for the principles of God, country and fellow man. As he did with the book, DeVos refused to accept payment for his work on the film. "This is not a film about my life," he says on screen. "My life is no more important than yours. It is, rather, a film about some of the things I believe in. I hope you find it of some value." According to Gospel Films, the movie is being shown free of charge to junior and senior high school audiences throughout North America and is doing brisk business in schools and in other public-service showings.

"If a patriot is indeed one who loves his country and does something about it, then surely America's greatest resource is its wealth of true patriots. . . ."

Those who know DeVos best insist that his patriotism is more than just rhetoric, that it is woven into the fabic of the man, as much a part of his private expression as of his public pronouncements. One friend recalls spending a July 4 evening with him a few years ago at a small dinner party in a village in Denmark, with only a few friends present. DeVos spoke spontaneously at the dinner table that night of the country he loved, as eloquently as if to an audience of 8,000 rather than of eight. The evening ended with a hearty rendition of "God Bless America" by everyone around the table, the guest remembers. It was all perfectly in character for DeVos. For him, the Fourth of July is more than just a day for shooting firecrackers. His patriotism is an affair of the heart.

Noel Black, an Amway official who came to the company in 1970, recounts his first memory of the offstage DeVos: "I remember very well, in my first year at the company, standing out by the wing of the airplane one night, preparing to board, and DeVos saying to me, 'Noel, no business will prosper unless it has a mission larger than itself. You can't merely manufacture "widgets" and expect that by itself to be rewarding. There must be a cause; and the cause we have in our business is the preservation of free enterprise and individual freedom. The two are inseparable. Free enterprise cannot exist in the absence of free people. That's the cause we've got to keep working for!' "

The dual role of businessman and patriot is a combination with rich precedent in American history. The ferment of political agitation that led to the Revolution in 1776 was largely the work of merchants, and the specific issues which triggered the war with England were economic ones. Many of the patriots of that day were businessmen, like DeVos, who insisted that America should be a land where their businesses could operate freely and who were willing to take time from their own private concerns to work for that kind of freedom.

But it is not only businessmen and politicians who have a stake in our country's affairs. The United States has a tradition of patriotic expression from a broad spectrum of its population. There are true patriots in every occupational group, including those unknown in Paul Revere's day. If a patriot is indeed one who loves his country and does something about it, then surely America's greatest resource is its wealth of true patriots, who show the flag in completely dissimilar ways.

Bob Hope has probably spent more Christmases away from home

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than any other man alive. His USO tours of American military bases during the holiday season are a hallmark of his career. The English-born comedian was already a well-established film star when he began entertaining troops in 1941. Throughout World War II, Hope and his four-man show visited a military base every week, broadcasting a "live" radio program to the home front. They visited every major combat area in Europe and the Pacific, were strafed by German dive-bombers in Sicily, survived a crash landing of their disabled plane on a New Guinea beach and stayed after the fighting was over to entertain occupation forces in Japan and Germany.

The Hope Christmas tours began in the early 1950s and eventually played to millions of GIs. The entourage always included glamorous starlets and dancers, sports celebrities and the biggest names in show business. Hope personally recruited his costars for the trips, and the roster of those who have traveled with him is a *Who's Who* of the entertainment industry. To homesick soldiers and sailors, stuck in remote areas far from home at Christmastime, the arrival of Bob Hope was more than just two hours of jokes and music; it was a visible reminder that they were missed and appreciated by the folks back home.

Hope, of course, has received scores of awards for his tours. "I've got a roomful of plaques and awards for the shows we've done," he says, "and I've also had my share of criticism, flak and hostility from some who have accused me of being a 'war lover.' But I don't mind the flak, and I don't feel

Millions of homesick servicemen fighting our country's battles overseas have thanked English-born comedian-actor Bob Hope for the memories he and his troop of entertainers brought of the life they had left behind.

Theodore M. Hesburgh, president of the University of Notre Dame since 1952, directs his considerable influence in education and religion to civil rights and international development.

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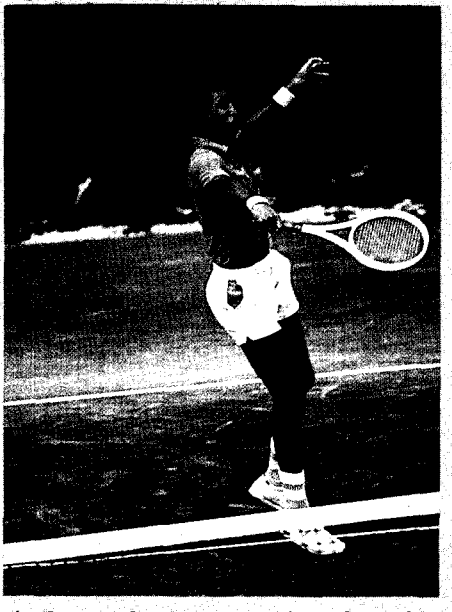
After making his "giant leap for mankind" as he stepped from the *Eagle* to the surface of the moon, Neil Armstrong leaped into the hearts of the American people as our country's greatest world hero since Charles Lindbergh.

I owe anybody an apology. The cheers and the applause outweighed all the slings and arrows. We went there because there were kids there who needed a show. And television gave us a chance to show the faces of thousands of kids in combat areas to the families back home, to prove to them that their kids were alive and not too skinny and, best of all, still capable of laughter."

Another entertainer who does more than just talk about his love of country is Charlton Heston. Though he and Hope may disagree on specific issues, they share a common willingness to give time to their individual visions of America. Heston has been one of Hollywood's leading men for a quarter of a century. Best remembered for his roles in epic films set in Bible times (*Ten Commandments*, *The Greatest Story Ever Told* and *Ben Hur*, for which he won an Academy Award), Heston has also played Andrew Jackson, Thomas Jefferson and a dozen other figures from American history.

Heston has always spoken his mind, always taken an active part in governmental and civic projects. This year, he made news by objecting publicly to what he regarded as inappropriate support of El Salvadoran guerrillas by Ed Asner, current president of the Screen Actors Guild. (Heston was SAG president from 1965 to 1971.) His own political activism goes back 20 years. He has lobbied in Congress on numerous occasions, has traveled to Africa and Asia "as a pitchman for American culture" and twice toured military bases in Vietnam during the war there. In 1970, he was urged to run for the U.S. Senate by a group of Democratic



Arthur Ashe has proved a champion patriot as well as tennis player, passing up lucrative tournaments to affirm his love for his country by representing America in Davis Cup matches.

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politicians in California, ultimately opting against it. At times, his calendar has been so filled with political duties that he once lamented, "I'm not an actor anymore; I'm an activist!"

Heston's respect for the tradition of orderly dissent is illustrated by his leadership of a delegation of entertainers who marched in the history-making civil-rights demonstration in Washington in the spring of 1963. Calling themselves "The Arts Group," the Hollywood contingent met to plan its trip. Heston reflects, "It became clear that some were primarily hooked on the drama of a civil-rights demonstration, not on making it work. Our meetings were studded with rousing speeches about chaining ourselves to the Jefferson Monument and lying down on Pennsylvania Avenue. 'No we won't,' I said. 'Not if I go. We live in a country where we have the right to do this, and we're going to do it the way it says in the book.' " And so they did. Heston noted in his journal: "It shows the strength of this country when our constitutional right to peaceable assembly can be exercised by such thousands, with such dignity and happy determination. I know of no other such country in the world!"

In his more than 25 years as one of Hollywood's leading men, Oscar-winner Charlton Heston has somehow found the time to throw himself into the role of lobbyist for America.

Cellist-conductor Mstislav Rostropovich, an emigre from his native Russia as a result of systematic political attempts to ruin him as an artist, brought the magic of his music to America, and a mad "loff" affair began.

In the same pattern of active involvement is Theodore Hesburgh, a man of quite different views. Hesburgh has been president of the University of Notre Dame for 30 years, the longest tenure of any president of a major U.S. university. Called "the most powerful priest in America" by England's *Manchester Guardian*, Hesburgh has survived the campus turmoil of the 1960s, led his school through

Continued on page 124

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RICH DEVOS: FAITH AND FAMILY

"I, like you, was created by God. Therefore, we are important and can do great things. The key to doing great things begins with how you feel about yourself. . ."—Rich DeVos

by Frederic A. Birmingham

Richard M. DeVos is that rare human equation—the classic Renaissance man in a 20th-century environment. His multicareers, into which he throws himself with such verve and panache, most observers would find merely awesome, even when taken singly: internationally renowned business executive, community leader, athlete, health devotee (he swims a brisk 80 laps every day in his own pool, or wherever he may be within flailing distance of water), deep-water yacht-racing skipper, jet pilot, philanthropist and a smattering of other virtuoso roles. He is a celebrity in his quiet way, even among the people we know as celebrities, via Hollywood, Wall Street or Washington. He is a philosopher with a sense of humor—an erudite man who knows the power of simplicity. He is, indeed, a man to know gladly.

Rich DeVos and daughter, Cheri, with the Reverend James Kennedy, pastor of Coral Ridge Presbyterian Church, Ft. Lauderdale, Florida. Their home church of worship is LaGrave Christian Reformed Church in Grand Rapids, but they frequent Coral Ridge and also Dr. Schuller's Crystal Cathedral in Garden Grove, California.

It would be unfair to say that there is an actor hidden away in all these facets, yet there is something undeniably dramatic about him as he addresses, at the regular meetings, some of the million Amway distributors who are mesmerized by his speeches. When he arrives to greet an audience, the thunderous applause, whistles and foot stomping must be seen to be believed. The decibels exceed the joyous clamor of the most enthusiastic national political convention after having nominated their next U.S. presidential candidate. The United States, indeed, is filled with people who firmly maintain that Rich has the potential to be president. The suggestion has come to his ears, and Rich handles it with his usual throwaway deftness, "I'll run if Jay will serve the term."

He is referring to Jay Van Andel, cofounder and co-owner of the billion-dollar Amway Corporation and Rich's lifelong friend, ally, neighbor, partner-in-arms and buddy-by-choice since they were kids together in Grand Rapids.

One guesses that Rich believes Jay would make a great president of the United States. When approached, Jay's jocular retort would undoubtedly be, "I'll serve the term if Rich will run."

So close is their relationship that *Reader's Digest* has dubbed them "Amway's Dutch twins." It has even been said by someone pondering the miraculously rapid growth of their enterprise that, in their case, 1 + 1 = 11.

Modest and affable in his manner, Rich is an easy winner in one-on-one encounters as well as in his dynamic personal effect upon huge groups. Witness to Rich's personal warmth is Lucian Lupinski, the artist who painted the DeVos portrait on the cover of this issue. Lucian was somewhat apprehensive of the approachability of his subject as he traveled to Florida to intercept DeVos for their sittings. "I wondered how to reach a man of his position," says Lucian, "because that communication is important to my portrayal of him. But I need never have worried. He immediately put me at my ease; so much so that I felt I had known him for years. I was won over by the man himself. When I left, I went away feeling that I would like very much to keep on knowing him, after just this one encounter."

Artist Lupinski's experience is shared by almost everyone who has met Rich, including myself. He is democratic in the purest sense: He addresses the guard at the White House in the same way he talks to "The Man" inside. There is a kind of grace about DeVos that reduces the sum total of all his personality to one simple common denominator. That is his humanity.

The outer aspects of his inner enrichment are detailed elsewhere in this issue, but some deserve mention here: his remarkable rise in business after an adventurous youth in the Air Force and as

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skipper of a schooner he sailed into oblivion in the waters off Cuba; his recent triumphs in navigation as skipper of a racing yacht, the 48-foot *Windquest*, in the annual Chicago to Mackinac Island yacht race, when the DeVos team placed first in its division in 1979 and took second place in 1980, competing with 280 other vessels in all; the success of a book he wrote, *Believe*, so inspirational that it is still in wide demand seven years later, a best-seller in the hundreds of thousands; the adulation (I use the word carefully) of hundreds of thousands of the Amway Distributors, who played Pygmalion in reverse and contributed funds to have a bronze life-sized statue of Rich (and one of Jay) created by sculptor Charles Parks, to make sure their affection was adequately expressed during his lifetime. Rich and Jay's scientific foresight in manufacturing stone-mill products (offering the public a "home-baked, stone-ground loaf of whole-wheat bread") decades ahead of the current interest in quality high-fiber foods is matched by one of the original Amway basic products—the nutritional food-supplement, Nutrilite, which Rich himself still takes daily.

Strong symphony supporters, Rich and Helen DeVos were as pleased as Nancy Reagan when Amway funding helped save a concert tour abroad for the National Symphony Orchestra under Mstislav Rostropovich.

Rich has a trunkful of service awards as well as honorary doctorates. But perhaps as indicative of his clout as any is the "Excellence in Management" Award given him by *Industry Week*, the prestigious business magazine that selected him over such finalists as the chairman of U.S. Steel and the chairman of Mobil Oil. The award characterized him as a "business philosopher who has mastered the art of communication"—perhaps as neat a thumbnail portrait as we have. Yet Rich finds time in life for the

Hail to the Chief—high, wide and handsome. Members of the DeVos tribe respond to one of Ronald Reagan's famous one-liners during a presidential visit to Grand Rapids, Michigan: (left to right) Rich; son Dick and wife Betsy; Douglas; the Chief; Nancy Reagan; daughter Cheri; Dan and wife Pam; and Rich's wife, Helen.

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simple virtues that were implanted in him during his upbringing in Grand Rapids—patriotism, faith and devotion to family.

He brings to his family life some of the unquenchable fervor and delight—some call it style—that is part of everything he does. He takes his mother to Washington where she meets President Ronald Reagan at the White House, and understandably, she is overwhelmed with pride, although to Rich it is something of a lark and a special gesture to show *his* pride in *her*.

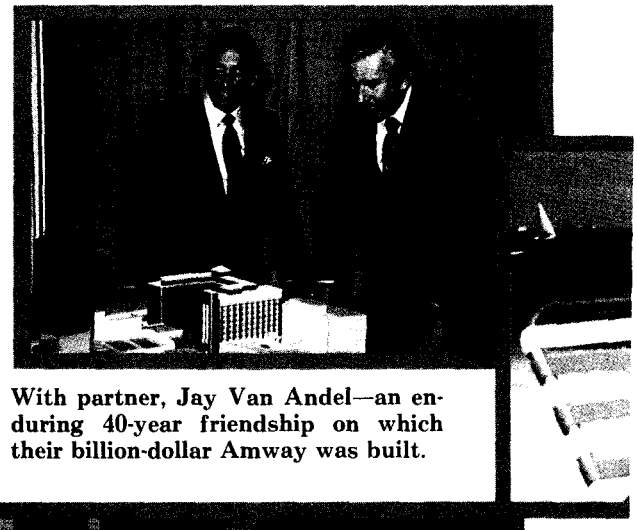
Rich likes to fly. He has been flying a variety of planes since after World War II and now continues to learn in one of Amway's BAC 1-11s. Here he lands in Long Beach, one of the heaviest air-traffic areas in the U.S.

In this day and age Rich and his wife, Helen, still have an aura of romantic love about them, after 29 years of marriage. They are the parents of four children—three sons and a daughter. The oldest, Richard, Jr., 26; who with his wife, Betsy, has just presented Rich with a grandson Richard M. (Ricky) III, is with Amway. Daniel George DeVos, 24, is two years into his own training at Amway. His wife, Pam also works there part-time. Daughter Suzanne Cheryl, 21, was in the graduating class of '82 at Hope College, Holland, Michigan. Douglas, 17, was graduated from Grand Rapids Christian High School. It is a close-knit group and always has been, and Rich and Helen work hard to keep it that way.

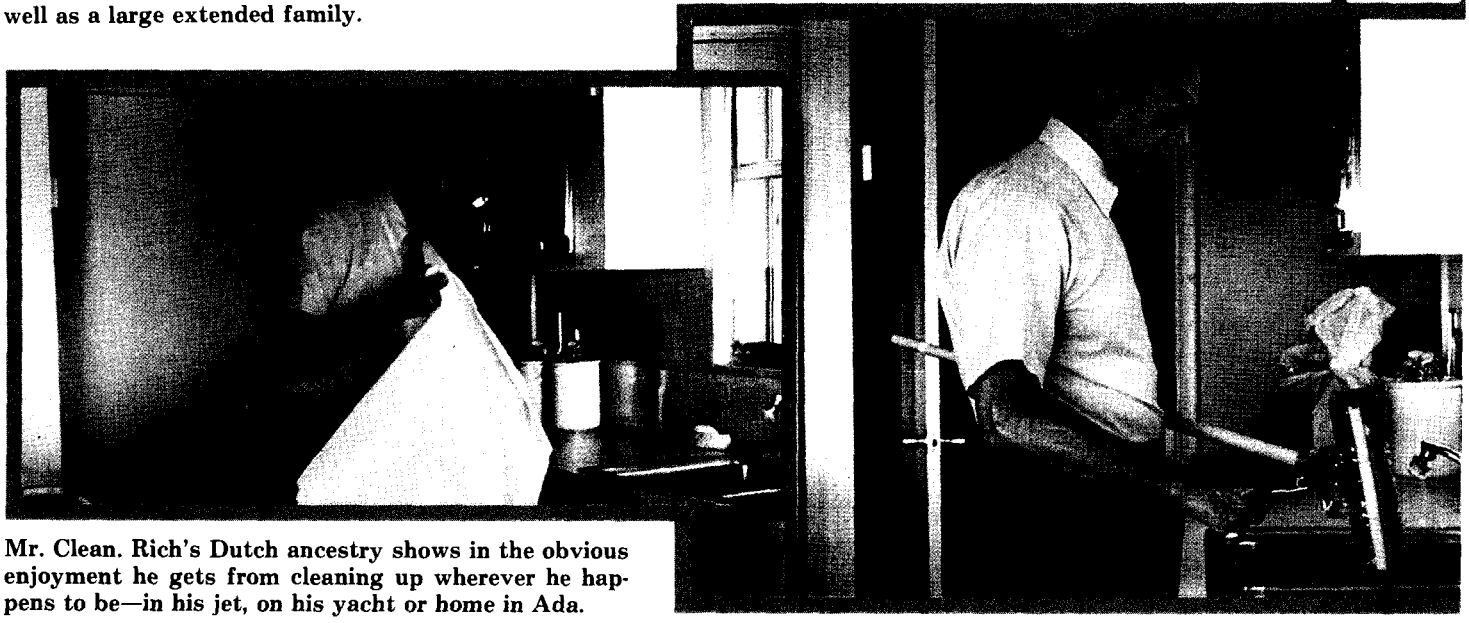
The DeVos family lives in the village of Ada, Michigan (a suburb of Grand Rapids), overlooking a little lake sired by the waters of the sweetly named Thornapple River and the grandly named Grand River, which conjoin at this point. Only a jogging distance away is the enormous manufacturing/laboratory plant of Amway, a handsome complex on the other side of Route 21, about 10 miles out of Grand Rapids.

Helen DeVos recalls her student days at Calvin College, a local church-related, liberal-arts college, and the family background she describes as "a world of preachers and teachers and very

Rich DeVos generously shares his spiritual and material blessings with his mother, Ethel, and sister, Bernie, as well as a large extended family.



With partner, Jay Van Andel—an enduring 40-year friendship on which their billion-dollar Amway was built.



Mr. Clean. Rich's Dutch ancestry shows in the obvious enjoyment he gets from cleaning up wherever he happens to be—in his jet, on his yacht or home in Ada.

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different from the business world in which I am involved." Into that quiet *pastorale*, Rich orchestrated a whirlwind courtship that she found breathtaking: "The first time we went out, he took me for an airplane ride. He flew it. That *was* different! On one of our early dates, Richard asked me to the symphony. I was aware that wasn't his big thing, but he knew that I enjoyed it. It was marvelous. I adored the whole evening, and then afterwards, he had a gift for me: the records of the music we had heard—which was so thoughtful. I was really impressed with him."

Rich laps it up—80 of 'em every a.m. With an affinity for water, both shallow and deep, he once skippered the DeVos crew to first place in the Chicago to Mackinac Island Race in their 48-foot racing yacht, *Windquest*.

The glow has lasted. Family activities are a staple on the DeVos social calendar. When the kids were young, Rich compensated for his frequent absences by taking them along, one at a time, on business trips. "He's a great father," says Helen DeVos. "He's enjoyed the children and has always played with them, done things with them, gone to their ball games. We are a close family; we do a lot of things together."

An interesting facet in Rich's personality emerges on the wings of a documentary motion picture on his life put out by Gospel Films. As the showings proliferate, Helen DeVos has been asked to appear on stage to introduce the film and to comment on it. She has been so glowingly successful in this role that it is now inevitable that she is surrounded by admirers and autograph seekers after each show is over. This is an entire reversal of their usual roles: Rich had long been at the center of the congratulatory afterdoings, while Helen waited quietly and patiently in the wings for the crowds to leave so that she could rejoin him. Now, to his amusement, their roles are sometimes reversed at the premiere showings, and it is Rich who waits while Helen is still greeting her own fans. A close look shows him glowing with pride in Helen's performance.

That early tactical gambit of Rich's in classical music during their courtship has taken more serious roots in his interests in the years to follow. Helen has served on the board of the Grand Rapids Symphony for almost 10 years, and both she and her husband are now leaders in the Grand Rapids cultural community. They are patrons of the city's DeVos String Quartet, and the dazzling new 2,500-seat arts center in downtown Grand Rapids is named DeVos Hall in their honor. Though an admitted nonmusician, DeVos has even been called upon

Continued on page 116

Above, father and son business doesn't stop for vacations. Dick is an Amway trainee. Below, hostess Helen DeVos in the cabin of Enterprise III.

Above:
And the winner is . . . Rich DeVos, at John Gardiner's Tennis Ranch reunion and tournament in Scottsdale. Below, he presides at a banquet, in a more formal moment with the President.

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A PARASITE MYSTERY

The purpose of the Hindenburg Pleasure Society Schlachtfest *was eating, drinking and merriment, but those who partook of the main dish before the feast found misery instead.*

by Berton Roueché

Illustrated by Larry W. Carroll

Among those who passed through the general clinic of Lenox Hill Hospital at Seventy-sixth Street and Park Avenue on an April Monday morning was a 40-year-old Yorkville dishwasher whom I will call Herman Sauer. His complaint, like his occupation, was an undistinguished one. He had a stomachache. The pain had seized him early Sunday evening, he told the examining physician, and although it was not unendurably severe, its persistence worried him. He added that he was diarrheic and somewhat nauseated. Also, his head hurt. The doctor took his temperature and the usual soundings. Neither disclosed any cause for alarm. Then he turned his attention to the manifest symptoms. The course of treatment he chose for their alleviation was unexceptionable. It consisted of a dose of bismuth subcarbonate, a word of dietetic advice and an invitation to come back the next day if the trouble continued. Sauer went home under the conforting impression that he was suffering from nothing more serious than a touch of dyspepsia.

Sauer was worse in the morning. The pain had spread to his chest, and when he stood up, he felt dazed and dizzy. He did not, however, return to Lenox Hill. Instead, with the inconstancy of the ailing, he made his way to Metropolitan Hospital on Welfare Island. He arrived there, shortly before noon, in such a state of confusion and collapse that a nurse had to assist him into the examining room. Half an hour later, having submitted to another potion of bismuth and what turned out to be an uninstructive blood count, he was admitted to a general ward for observation. During the afternoon, his temperature, which earlier had been, equivocally, normal, began to rise. When the resident physician reached him on his evening round, it was a trifle more than 103°. As is customary in all but the most crystalline cases, the doctor avoided a flat-footed diagnosis. In his record of the case, he suggested three compatible possibilities. One was aortitis, a heart condition caused by an inflammation of the great trunk artery. The others, both of which were inspired by an admission of intemperance that had been wrung from Sauer in the examining room, were cirrhosis of the liver and gastritis due to alcoholism. At the moment, the doctor indicated, the last appeared to be the most likely.

Gastritis, aortitis and cirrhosis of the liver, like innumerable other ailments, can seldom be repulsed by specific medication, but time is frequently effective. Sauer responded to neither. His fever held, and his symptoms multiplied. He itched all over, an edema sealed his eyes, his voice faded and failed, and the seething pains in his chest and abdomen advanced to his arms and legs. Toward the end of the week, he sank into a stony, comalike apathy. Confronted by this disturbing decline, the house physician reopened his mind and reconsidered the evidence. His adaptability was soon rewarded. He concluded that he was up against an

The cook and kitchen helpers had to sample their homemade sausage to make sure it was properly seasoned.

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acute and, to judge from his patient's progressive dilapidation, a peculiarly rapacious infection. It was an insinuating notion, but it had one awkward flaw. The white-blood-cell count is a reliable barometer of infection, and Sauer's count had been entirely normal. On Wednesday, April 15, the doctor requested that another count be made. He did not question the accuracy of the original test, but the thought had occurred to him that it might have been made prematurely. The report from the laboratory was on his desk when he reached the hospital the following day. It more than confirmed his hunch. It also relieved him simultaneously of both uncertainty and hope. Sauer's white count was morbidly elevated by a preponderance of eosinophiles, a variety of cell that is produced by several potentially epidemic diseases but just one as formidably disheveling as the case in question. The doctor put down the report and called the hospital superintendent's office. He asked the clerk who answered the phone to inform the Department of Health, to which the appearance of any disease of an epidemiological nature must be promptly communicated, that he had just uncovered a case of trichinosis.

The cause of trichinosis is a voracious endoparasitic worm, *Trichinella spiralis*, commonly called trichina, that lodges in the muscle fibres of an animal host. It enters the host by way of the alimentary canal and, in the intestine, produces larvae that penetrate the intestinal walls to enter the blood stream. The worm is staggeringly prolific, and it has been known to remain alive, though quiescent, in the body of a surviving victim for 31 years. The number of trichinae that succeed in reaching the muscle determines the severity of the cases.

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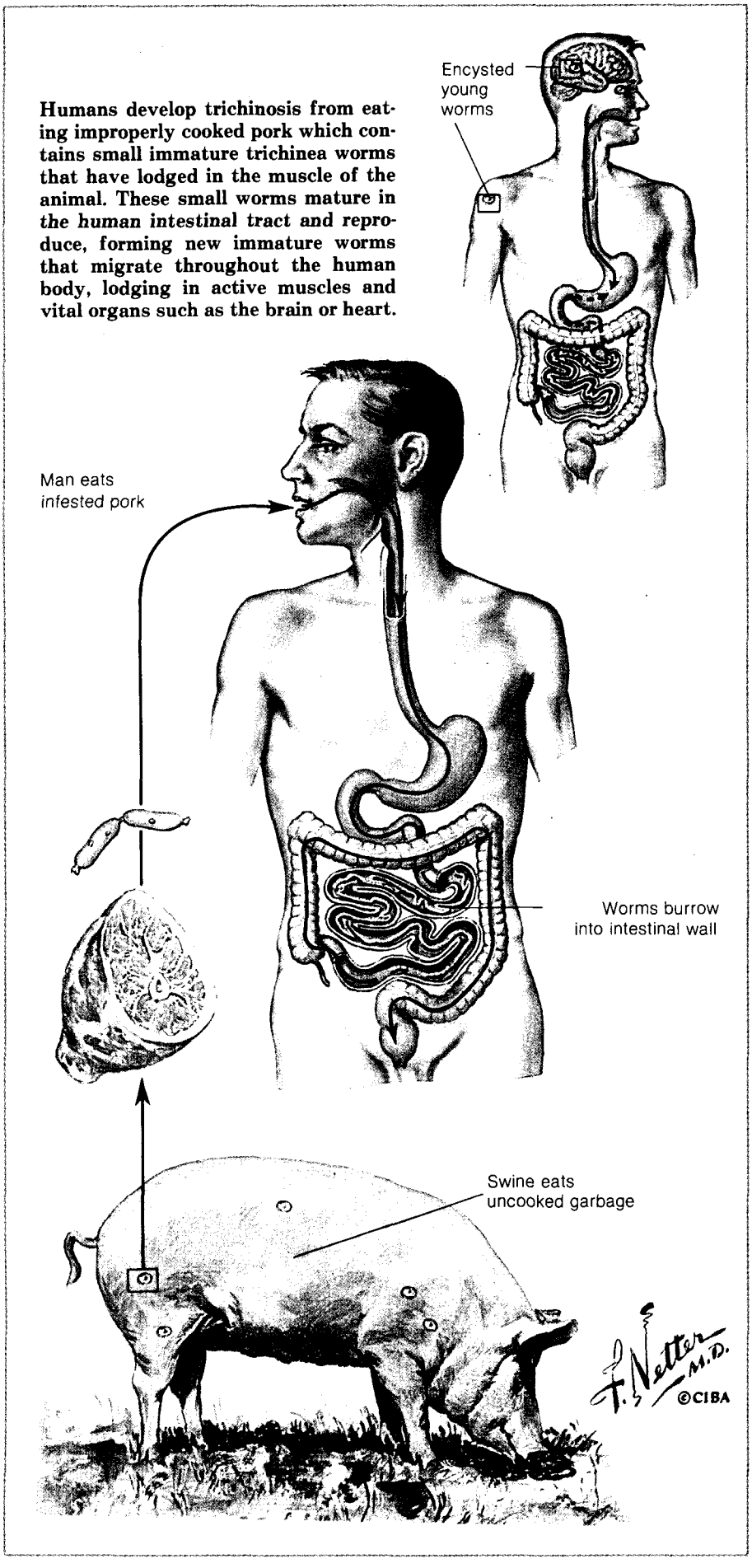
Humans develop trichinosis from eating improperly cooked pork which contains small immature trichinea worms that have lodged in the muscle of the animal. These small worms mature in the human intestinal tract and reproduce, forming new immature worms that migrate throughout the human body, lodging in active muscles and vital organs such as the brain or heart.
Encysted young worms
Man eats infested pork
Worms burrow into intestinal wall
Swine eats uncooked garbage
F. Netter M.D.
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As organisms go, adult trichinae are relatively large, the males averaging 1/20 of an inch in length and the females about twice that. The larvae are less statueque. Pathologists have found as many as 1,200 of them encysted in a single gram of tissue. Numerous animals, ranging in size from the mole to the hippopotamus, are hospitable to the trichina, but it has a strong predilection for swine and man. Man's only important source of infection is pork. The disease is perpetuated in swine by the practice common among hog raisers of using garbage, some of which inevitably contains trichinous meat, for feed. Swine have a high degree of tolerance for the trichina, but man's resistive powers are feeble. In 1931, in Detroit, a man suffered a violent seizure of trichinosis as a result of merely eating a piece of bread buttered with a knife that had been used to slice an infested sausage. The hog from which the

The Trichinosis Problem

Although trichinae originate in the hog, beef, too, may be a source of contamination. In 1974, New Jersey had more cases of trichinosis from beef than from pork, probably because butchers added pork scraps to beef instead of throwing them away. Contamination of beef can also come from cutting beef and pork with the same knife or from running beef through a meat grinder that was not thoroughly washed after grinding pork.

The first symptoms of trichinosis (diarrhea and gastroenteritis) may appear as soon as 24 hours after the consumption of contaminated meat as the young worms burrow into the intestinal wall. When the larvae begin to migrate to muscles and organs, they cause muscular swelling—often around the eyes—pain, tenderness, generalized weakness and a high temperature that may persist for several weeks and resemble typhoid fever.

Individuals vary in their resistance to trichinosis. A seven-year-old boy who died during the fifth week of infection had 5,190 larvae per gram of muscle in his tongue

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sausage was made had appeared to be in excellent health. Few acute afflictions are more painful than trichinosis or more prolonged and debilitating. Its victims are occasionally prostrated for many months, and relapses after apparent recoveries are not uncommon. Its mortality rate is disconcertingly variable. It is usually around six percent, but in some outbreaks nearly a third of those stricken have died, and the recovery of a patient from a full-scale attack is almost unheard of. Nobody is, or can be rendered, immune to trichinosis. Also, there is no specific cure. In the opinion of most investigators, it is far from likely that one will ever be found. They are persuaded that any therapeutic agent potent enough to kill a multitude of embedded trichinae would probably kill the patient, too.

Although medical science is unable to terminate, or even lessen the severity of an assault of trichinosis, no disease is easier to dodge. There are several dependable means of evasion. Abstention from pork is, of course, one. It is also the most venerable, having been known, vigorously recommended and widely practiced for at least 3,000 years. Some authorities, in fact, regard the Mosaic proscription of pork as the pioneering step in the development of preventive medicine. However, since the middle of the 19th century, when the cause and nature of trichinosis were illuminated by Sir James Paget, Rudolf Virchow, Friedrich Albert von Zenker and others, less ascetic safeguards have become available. The trichinae are rugged but not indestructible. It has been amply demonstrated that thorough cooking (until the meat is bone-white) will make even the wormiest pork harmless. So will refrigeration at a maximum temperature of five degrees for a minimum of 20 days. So, just as effectively, will certain scrupulous methods of salting, smoking and pickling.

Despite this abundance of easily applied defensive techiniques, the incidence of trichinosis has not greatly diminished over the globe in the past 50 or 60 years. In some countries, it has even increased.

Trichinosis is generally believed to be a rarity. This view, though hallucinated, is not altogether without explanation. Outbreaks of trichinosis are seldom widely publicized. They are seldom even recognized. Trichinosis is the chameleon of diseases. Nearly all diseases are anonymous at onset, and many tend to resist identification until their grip is well established, but most can eventually be identified by patient scrutiny. Trichinosis is occasionally impervious to bedside detection at any stage. Even blood counts sometimes inexplicably fail to reveal its presence at any stage in its development. As a diagnostic deadfall, it is practically unique. The number and variety of ailments with which it is more or less commonly confused approach the encyclopedic. They include arthritis, acute alcoholism, conjunctivitis, food poisoning, lead poisoning, heart disease, laryngitis, mumps, asthma, rheumatism, rheumatic fever, rheumatic myocarditis, gout, tuberculosis, angioneurotic edema, dermatomyositis, frontal sinusitis, influenza, nephritis, peptic ulcer, appendicitis, cholecystitis, malaria, scarlet fever, typhoid fever, paratyphoid fever, undulant fever, encephalitis, gastroenteritis, intercoastal neuritis, tetanus, pleurisy, colitis, meningitis, syphilis, typhus and cholera. It has even been mistaken for beriberi. With all the rich inducements to error, a sound diagnosis of trichinosis is rarely made, and the diagnostician cannot always take much credit for it. Often, as at Metropolitan Hospital that April day in 1942, it is forced upon him.

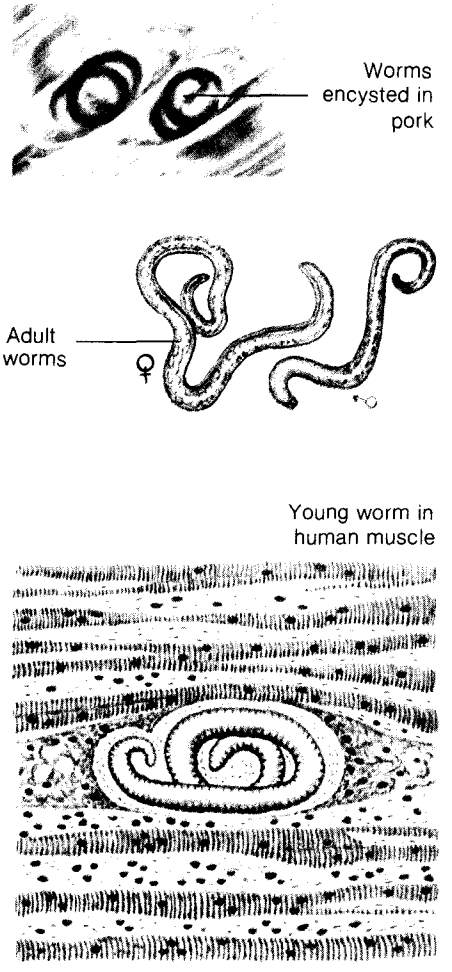
The report of the arresting discovery at Metropolitan reached the Health Department on the morning of Friday, April 17. Its form was conventional—a postcard

Continued on page 81

and 2,095 in his diaphragm. Other patients who recovered have had larval counts ranging from 1,240 to 2,800 per gram of muscle.

Recent autopsy surveys show a 2.2 percent incidence or less in the U.S., compared to 15 to 25 percent 35 years ago, but many cases go undiagnosed. Doctors are alerted to trichinosis by the presence of eosinophilic white blood cells in the peripheral blood and through certain tests and varying techniques of muscle biopsy.

The only way to eliminate trichinosis in humans is to keep hogs from getting it. All states now require that garbage containing meat scraps be boiled before it is used as feed, and butchers are cautioned to use separate grinders for beef and pork. Because federal inspectors cannot possibly microscopically examine all U.S. pork products for telltale cysts, the public must be continuously informed of the danger. As a precaution at home, be sure to cook meat until the temperature in the center of the thickest part reaches 137° F. or 58° C. This will kill small larvae. As a rule, fresh pink pork should be cooked until it is a dull gray.



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PETE ROSE: THE PHILLIES' HARD-LINE HITTER

He's out to batter down the lofty records of Ty Cobb, Hank Aaron and Stan Musial, and neither sprains nor age nor "tennis back" can keep him from his self-appointed task.

by Hank Nuwer

Clutching his bat as if it were Linus' blanket, Pete Rose stalks the Philadelphia Phillies practice field, looking for action. He picks at the tape on his bat barrel, takes a tiny quarter swing, rubs his thumb over a small chip in the handle. A big, left-handed rookie named Len Matuszek is crouched in the batting cage, lashing pitch after pitch down the right-field chalkline, scattering the newsmen who are sunning themselves in foul territory. Rose picks up a towel and wipes it gingerly along the grain of the bat. On sudden impulse he paces over to the cage and waits his turn to hit, even though manager Pat Corrales has given him the day off to nurse an aching back. Matuszek, after all, is gunning for Rose's job at first base. Nineteen years ago, Rose himself bucked the odds to replace a seasoned ballplayer named Don Blasingame and to go on to become a star of stars. Still competitive after 19 years in the big time, the 41-year-old veteran hasn't gotten this far taking even the callowest rookie for granted.

At an age when most of his peers are making or watching Lite beer commercials, Pete Rose is daily checking his slide rule to see what new baseball record he can smash next. Having slowed his lifestyle down to a choirboy's pace, he neither smokes, drinks nor chases wild pitches as he tries to prolong his career three more long years. His goals are clearcut. He needs only 75 hits this year to pass Hank Aaron's 3,771 safeties and to set the National League career record for most hits, and he needs 494 to tie the all-time hit record held by the illustrious Ty Cobb, the old Detroit Tigers superstar they called "Georgia Peach." Cobb holds the records for most singles and runs—both of which are within Rose's reach. Also accessible is Hank Aaron's all-time record for most games (3,298 to Rose's 2,937) and at bats (12,364 to Rose's 11,910). Rose may also bump the immortal Stan Musial from his National League record for doubles if he can get just 54 more.

"If you could convince me that drinking helps your batting eye, I'd take you down to the nearest pub," says Rose to a cluster of sportswriters gathered around his locker. "I don't do it [drink] because I want to be the best I can." No one is about to call Rose a sissy right there to his face. His stocky 5'11" frame carries a tad over 200 pounds, most of it seemingly collected in his chest. His oversized head rests on a short neck that sprouts right out of his shoulders. If he hadn't gone into baseball, he might have had a brilliant career as a fullback.

Exactly how long can his career go on? "I'll play as long as I can hold my end up," says Rose. Last year, in a strike-abbreviated season, he held it up well enough to lead the league in hits, with 140, and to finish second to Bill Madlock, .341 to .325, for the batting crown. Once again he was the Phillie's Iron Man, failing to miss a single game. He has now played in 464 consecutive games without a miss. "I try to earn my money," he explains.

Unfortunately, a severe back sprain, incurred while working out last winter, is threatening his streak. Playing a game of tennis with the same all-out abandon he

Continued on page 88

Pete Rose is between two thorns—the record of Stan Musial (left) for most National League doubles (he needs 54) and the records of Ty Cobb for most singles and runs, also within reach of Rose's powerful bat.

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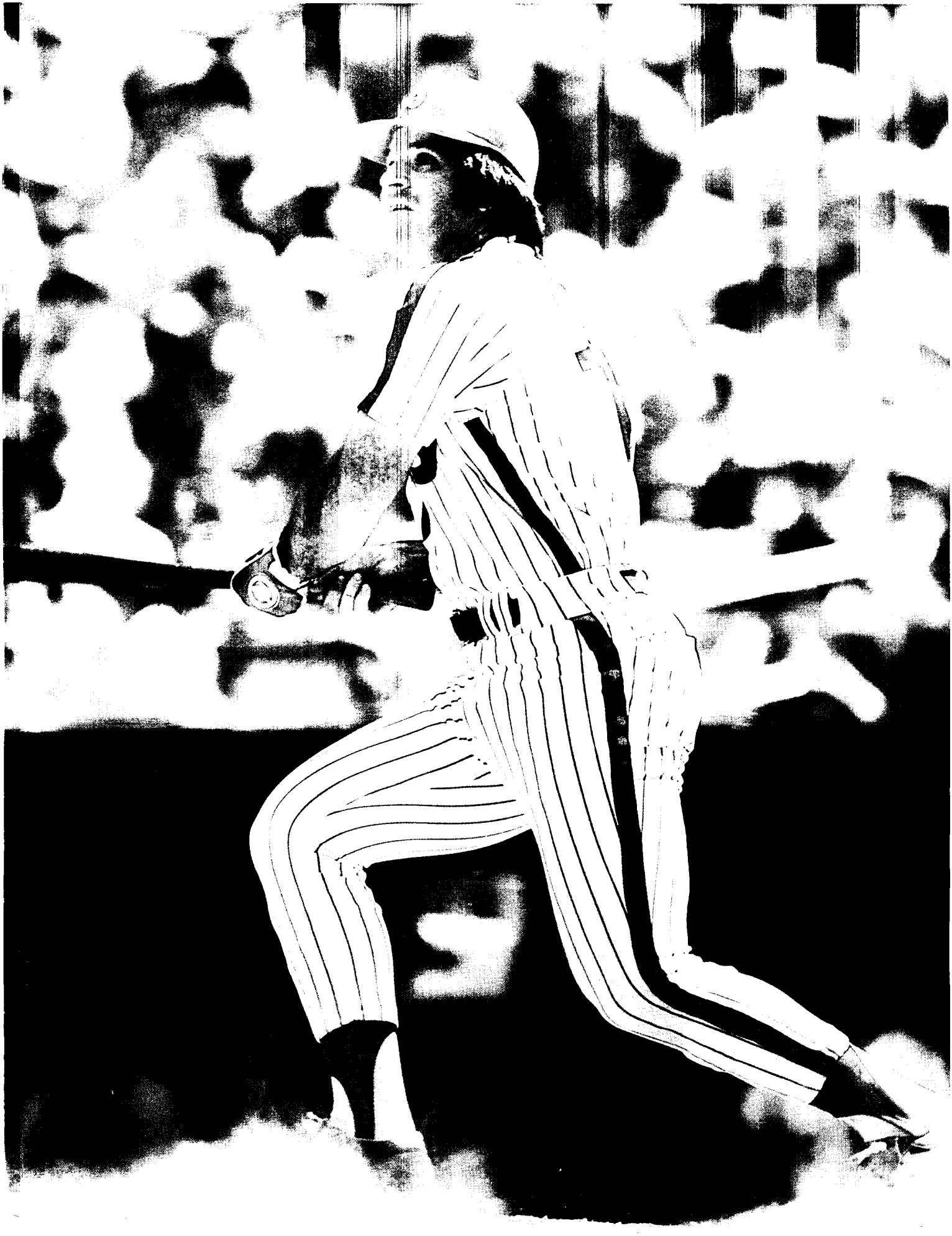

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WHY BUY AN AMERICAN CAR?

Is the quality of the American car one of the great secrets of our society? The Post *sent a reporter to Detroit to find out, and his answer is "Yes."*

by Matthew Stevenson

Illustrated by Don Trawin

What is expected of the American automobile is demanded of few machines. In the course of a year, it is supposed to be safe and easy to drive; log about 10,000 miles; haul the Little League to games; tow boats down to the landing; take the kids to college; provide comfort and cool air on a long vacation; ride practically maintenance free, except for the odd quart of oil; keep its finish without the benefit of being kept in a garage; deliver 50-pound bags of fertilizer to the lawn; pass trucks on the interstate; fit into small, downtown parking spaces; have a sound system like that of Carnegie Hall; pollute nothing; maintain a high trade-in value; stand up to the abuse of the Dukes of Hazzard; provide a romantic setting for teenagers; and give the family dog a chance to take in some local errands.

In a national sense, the feats that people expect of the auto industry are similarly Herculean. To be a member in good standing of the national enterprise, it must sustain economic progress; lead the country out of recession; provide numerous jobs and pay high wages; make a profit for the shareholders; endure the endless harassment of Ralph Nader; build cars that are not only fuel efficient but clean running; insure the safety of all passengers, no matter if they are wearing seat belts or not; sell buses to the cities; and serve, whenever the media needs one, as a convenient menace.

All that is expected of imported cars is that they get good gas mileage.

As a result, the American car and its industry have fallen on hard times. They haven't lived up to expectations. The consequence is the worst year for the car companies in a generation. A quarter-million autoworkers are unemployed. Related industries—steel, iron ore, rubber synthetics, to name but a few—are in the doldrums. Last year, of the major car manufacturers, only General Motors made money—and that wasn't from its automobile division. In 1981, Ford lost more than $1 billion. Chrysler is a ward of the state, and the French, perhaps symptomatic of the age, own American Motors.

If all this weren't bad enough, the industry now has to battle the country's romance with small imported cars. These now account for more than a quarter of new car sales. In addition, the number of miles a car gets to the gallon has replaced the intelligence quotient as the figure which arbitrates the country's social hierarchy. Those getting more than 40 mpg in their efficient little imports form a sneering aristocracy, which, no doubt, the BBC will someday chronicle in 12 parts as "The Honda Saga."

Thus it was with a bit of trepidation that I undertook to answer the question: "Why buy an American car?" Easier, perhaps, to answer: "Why buy a Bulgarian watch?" I assumed American cars to be inferior to their sportier counterparts from Germany and Japan. And, further, I assumed that Detroit had brought ruin to its own house by foisting gas guzzlers on an unsuspecting public that, only now, was catching on to the truth. Nevertheless, I visited showrooms. I spoke with car owners around the country. I kicked tires. I underlined passages in *Consumer Reports*. Finally, I spent a week in Detroit, talking to executives and assembly-line workers alike, watching simulated head-on crashes and riding in test cars at 120 mph. In essence, I did what every car buyer dreams of doing before purchasing a car.

What I found was that the quality of the American car is one of the great secrets of the society. A car I assumed to be nothing more than a showcase for conspicuous consumption—the Cadillac Cimmaron—turned out to be safer than a Volvo, with better gas mileage than a Toyota. I learned that American Motors, according to the National Highway Traffic Safety Administration, has one of the safest fleets of cars in the world and that a lot of Chevies have better drag coefficients, which translate into gas mileage, than many imports. On it went.

In short, reasons for buying American cars are clear only when several considerations are weighed. The British have an expression, "Horses for courses," meaning you should pick the appropriate thoroughbred for the right track. So it should be with automobiles. It is a nice dream that this country is one of narrow streets, like those of Japan, but the fact is, we are a nation of interstates, Little League teams and dogs that enjoy riding around in station wagons. Besides, there are 307 American car models from which to choose, each one designed with specific motoring needs in mind.

Further, given the high quality of American cars, the issue of the nation's economic welfare must also be considered. A bankrupt auto industry will cost the national treasury millions in welfare payments. Conversely, robust car sales could lead the country out of the

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near depression it now faces. When deciding between an import and an American car, this should be an issue as important as miles per gallon.

Ed Langenburg, who works on the assembly line in Wixom, Michigan, said: "When you buy an American car, you are investing in America." That sounds corny and behind the times, until you drive through Detroit and look at the expressions on the faces of the unemployed. Such a course answers the question with the vividness that no statistic can muster.

The Cars Are Safe

You would never know it from the advertising, but American cars are the safest in the world. It is a tenet of the business that "you can't sell safety." As a result, nobody talks about it in the showroom, yet the engineers in Detroit keep putting out safer and safer cars, even as they, in the language of the business, "downsize the fleet."

One example of Detroit's reticence on safety came last fall when a group of Chevrolet dealers ran an ad that showed the wreck of a small import. In the picture, the driver was being ferried to a near-

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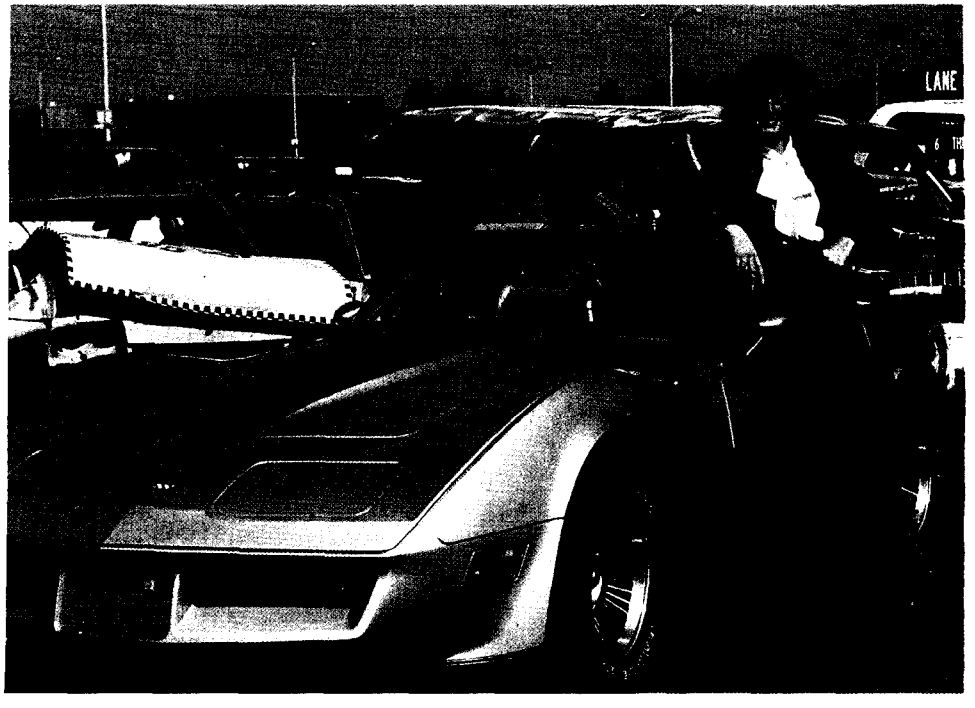
by ambulance. The caption read, "But it got 43 mpg." General Motors was—so we are told—appalled. The authoritative *Automobile News* called it "barbarous." Still, the ad let a genie out of the bottle.

Whether anyone wants to realize it or not, the number of casualties each year on American highways is equivalent to the number of Americans who were killed in the Vietnam war. Last year, about 50,000 people were killed in traffic accidents. Many of these accidents were caused by drunk drivers, who, for incredible reasons, are still not treated in the manner of hardened criminals (many of whom did less damage).

According to both government findings and the laws of physics, if you are involved in an accident (the odds call for one every ten years), your chances of being seriously hurt or killed double in a small car—foreign or domestic. It is a fact, assuming always that seat belts are worn, that big cars are safer. *Consumer Reports* writes: "In real-world crashes between cars, the smaller car is at a disadvantage."

"You can't sell safety." Nobody in the showroom talks about it, yet U.S. designers and engineers have been steadily adding more safety features to American cars until they are now undoubtedly the safest in the world.

In *The Car Book*, the report to consumers put out by the National Highway Traffic Safety Administration, cars are tested for crash worthiness and then rated on a pass/fail basis. There are six categories of evaluation. Only six car models passed all the tests: Cadillac Seville; Chevrolet Citation; Dodge Mirada; Ford Mustang; Ford Thunderbird and Plymouth Horizon. In ranking fatalities in cars by manufacturer, Japanese and European automakers fared the worst.



From news that's leaked out about the '83 Corvette, dealers are taking $3,000 deposits sight unseen. "The performance of the '83 Corvette can only be called astounding," says Zara Rolfes, a planner of the '82 and '83 models.

The point here is not to get into a lengthy debate about the meaning of the tests. Everyone, including the American car industry, likes challenging the authenticity of such results. But the point is simply that American cars are safe—if seat belts are worn and drivers maintain proper speeds.

Invest in America

As the auto industry goes, so goes much of the country. And right now, both are going nowhere. Whatever the economic arguments are for letting smokestack America disappear and become a service economy—based on insurance companies and McDonald's—the realities of geopolitics dictate that the United States maintain its industrial base. John Manoogian, a vice president at Ford, credits the American industrial system as the reason, in large part, the country was able to win in World War II, in which he served with the Marines in the Pacific.

"It's inconceivable," he told me, "that we're not doing all we can to protect this country's industrial base."

One reason the auto industry is suffering hard times is that the principles of free trade, which the United States follows, are disappearing around the world. Protection is putting it at a disadvantage. Witness relations with Japan:

The Japanese can produce a car equivalent to one made in Detroit for about $2,000 less. This saving is due to shrewd management and cheaper labor costs. As a result, in 1981, they were able to export 2.3 million four-wheeled vehicles to the United States.

But that's not the problem. During the same period that the Japanese were invading the American market, U.S. automakers shipped only 11,000 cars to Japan. Here's why:

The Japanese have set numerous local standards, sometimes called nontariff barriers, against American cars. These standards include: an exhaust temperature alarm; rear-view mirrors out near the

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headlights; special head restraints; side-marker lamps; and a particular bulb to light the license plate. All these changes double the price of the American car. And, as if that weren't enough, U.S. imports are levied a road tax double that imposed on Japanese cars. For a Toyota Corolla, the road tax is $132.65 a year. For a comparable American car, the bill is $314.16.

Hence, to buy an American car is, in effect, to cast one vote against protectionism as well as another for the preservation of a basic American industry.

Put Detroit Back to Work

Anyone interested in buying a new car, especially an import, ought to test drive it through the streets of Detroit. The city is a shadow of its former, industrial self. The downtown area, except for the glassed fortress of the Renaissance Center, is a patchwork of vacant lots and factories in disrepair. The minarets of capitalism, the smokestacks of the assembly plants, are still puffing what Charles Dickens in *Hard Times* described as "interminable serpents of smoke." But at numerous intersections down the quietly decaying streets, clusters of men, obviously unemployed, mill about in idleness.

The spirit of the city can be summed up by a sign that greets the visitor to the headquarters of the United Auto Workers: "300 laid-off UAW workers don't like your import. Park it in Tokyo." The unemployment rate in Michigan is about 17 percent, twice the national average.

One in six American jobs relates to cars. Within the industry, every one million new automobiles means another 250,000 jobs. Yet there is the converse figure. If imports reach 35 percent of the market, it could cost the auto industry an additional 600,000 jobs.

Edsel Ford II, a scion of the company's founder, summarizes the importance of the industry for the rest of the country. When I spoke with him in his office, which overlooks the depressed downtown, he handed me a slip of paper on which he had written down the message of a bumper-sticker a friend of his saw earlier in the day: "Buy American. The job you save may be your own."

It Gets Good Mileage

The irony in the general indictment of American automobiles as gas guzzlers is that, by and large, domestic cars are as fuel efficient as the imports. Yes, the diesel Rabbit runs forever on a thimble of kerosene, but then so does the Chevette or the Escort or the Horizon. Unbeknownst to many, Detroit has worked the magic of letting Americans have their large cars and drive them, too.

For example, the Bonneville, seemingly the last of the Brontosauri, now gets 21 mpg, according to the Environmental Protection Agency. The Chrysler Lebaron gets 26 mpg, as does the Buick Skylark, while a Volvo sedan gets 25 mpg. What it adds up to is that fuel economy is less and less a major determinant in the purchase, especially when the cost of gasoline is weighed against the other expenses of owning and operating a car.

Compare on gasoline alone a Toyota Celica and an Oldsmobile Cutlass, based on gas at $1.35 a gallon and 10,000 miles a year in driving. The Celica, which gets 24 mpg, has annual fuel costs of $563. The Cutlass gets 21 mpg and costs for a year $640. Given that the average new car, domestic and foreign, costs $8,800 and given the rates of interest available to most buyers, $77 a year is not a significant savings. As a Ford analyst recently told the *New York Times*: "Today people take fuel efficiency for granted. They want a few more oats under the hood and a few more pounds for the big dollars they are paying out."

The Car Lasts a Long Time

Despite the inconvenience and cost of repairing and of servicing an imported car in a small town, even the American automakers will admit that the inroads of foreign competitors were caused by the issue of quality. Quite simply, customers saw imports as being better made. And in part, they were right, because in the early '70s, Detroit occupied itself solely with the problem of production. Until the gas crises, anything that rolled off the assembly line sold briskly. Both the management and unions paid themselves handsomely and only a handful of technicians worried about quality, because on the average, Americans traded in their cars every few years.

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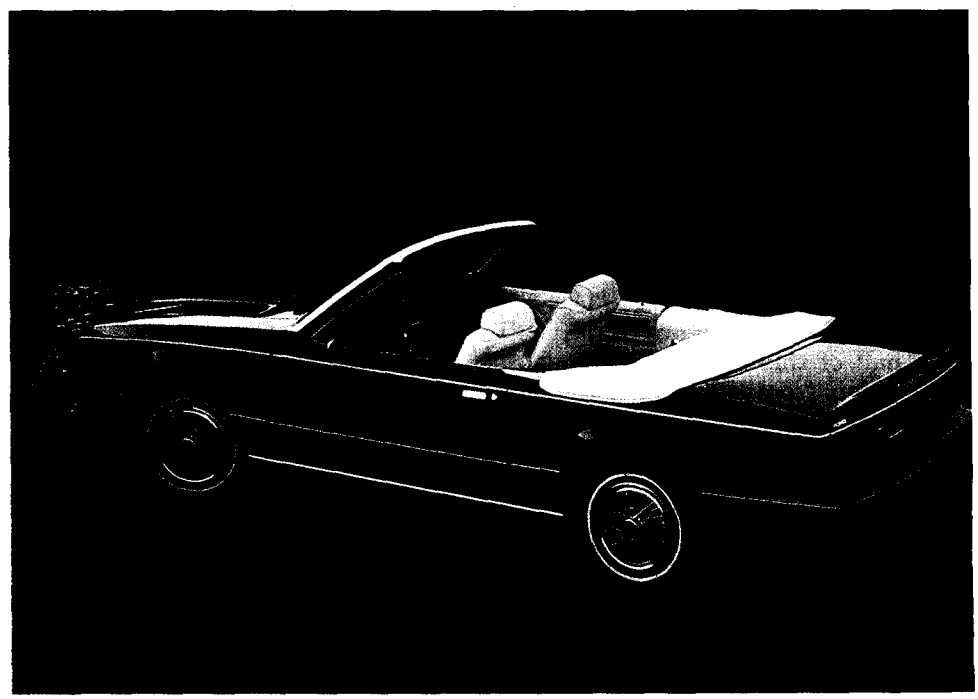

The last Ford Mustang convertible produced in 1973 was a dinosaur, say Ford designers, compared to the new 1983 comeback model with its computer design and vastly improved suspension, steering and handling ability.

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RELIGION

ASSEMBLIES OF GOD: ON THE WAY UP

The largest Pentecostal denomination in the world embraces more than 10 million worshipers in 108 countries—and is opening new churches at the rate of almost one a day.

by Edward E. Plowman

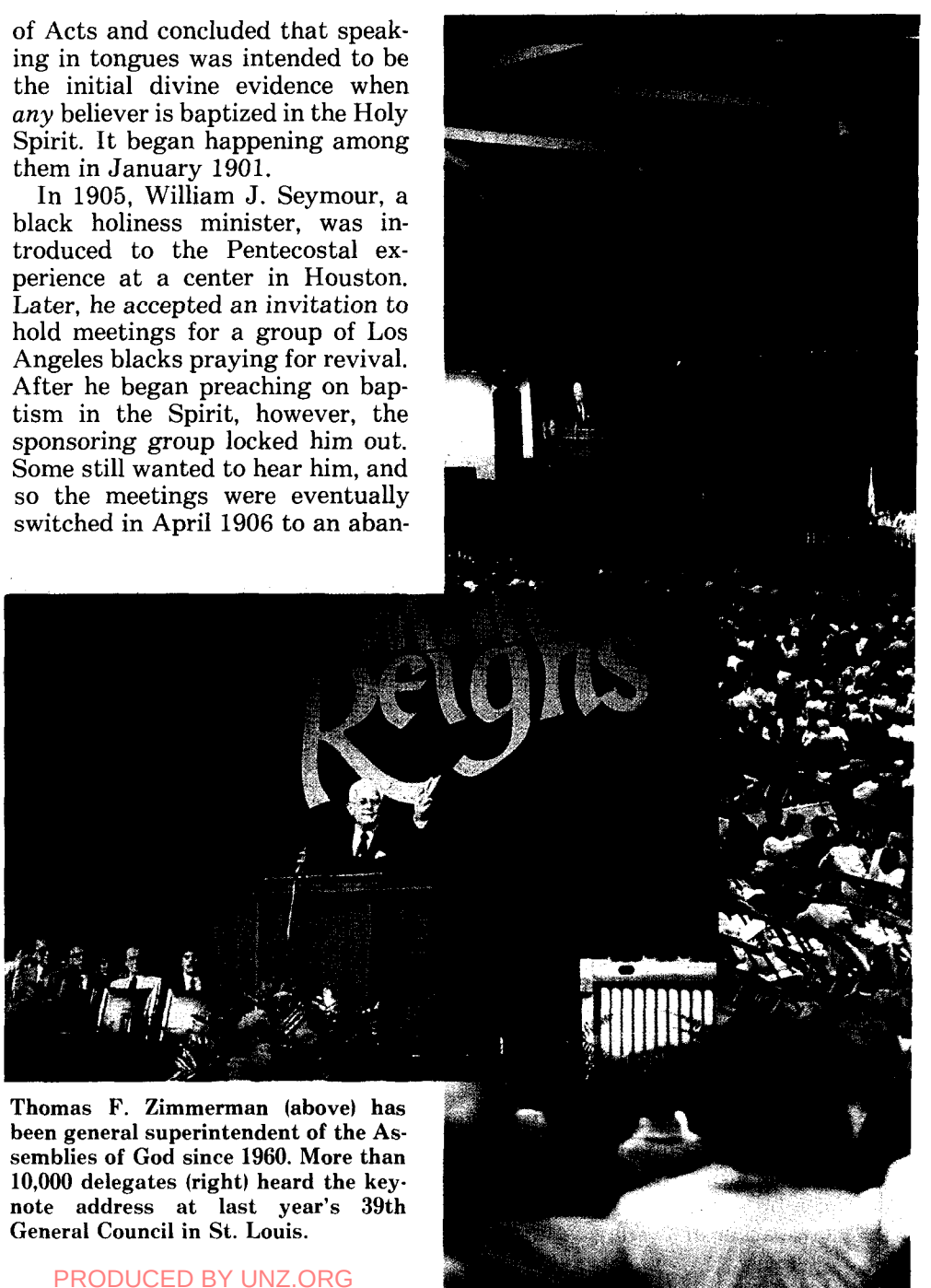
Mary Jo Botello of Alexandria, Virginia, is a housewife and former elementary school teacher. Her husband Ray is district manager of a large insurance company. Norma Champion of Springfield, Missouri, is a homemaker, college teacher and television personality on a top-rated children's show. Her husband Richard is a skilled writer and editor.

These middle-aged American couples have never met, but they have some things in common: a good education, white-collar careers, a measure of success and friendly dispositions. They are also Pentecostals—members of Assemblies of God churches.

Not too long ago, such a disclosure would have prompted frowns and discomfort from neighbors who belonged to more orthodox churches. But many Americans are now discovering that their Pentecostal neighbors hardly fit the "holy roller" image of backwoods ignorance and emotional excess that forced Assemblies of God members to spend most of the first half of this century in virtual isolation from other Christians. Today, their denomination is on the leading edge of the evangelical wing of Christianity, and it is one of the fastest-growing church bodies on earth.

The modern Pentecostal movement began in Topeka, Kansas, where, in 1900, Charles F. Parham, a young Methodist minister at odds with his denomination over divine healing and other topics, opened a Bible school. Here, 40 mature students studied the Book of Acts and concluded that speaking in tongues was intended to be the initial divine evidence when *any* believer is baptized in the Holy Spirit. It began happening among them in January 1901.

In 1905, William J. Seymour, a black holiness minister, was introduced to the Pentecostal experience at a center in Houston. Later, he accepted an invitation to hold meetings for a group of Los Angeles blacks praying for revival. After he began preaching on baptism in the Spirit, however, the sponsoring group locked him out. Some still wanted to hear him, and so the meetings were eventually switched in April 1906 to an aban-



Thomas F. Zimmerman (above) has been general superintendent of the Assemblies of God since 1960. More than 10,000 delegates (right) heard the keynote address at last year's 39th General Council in St. Louis.

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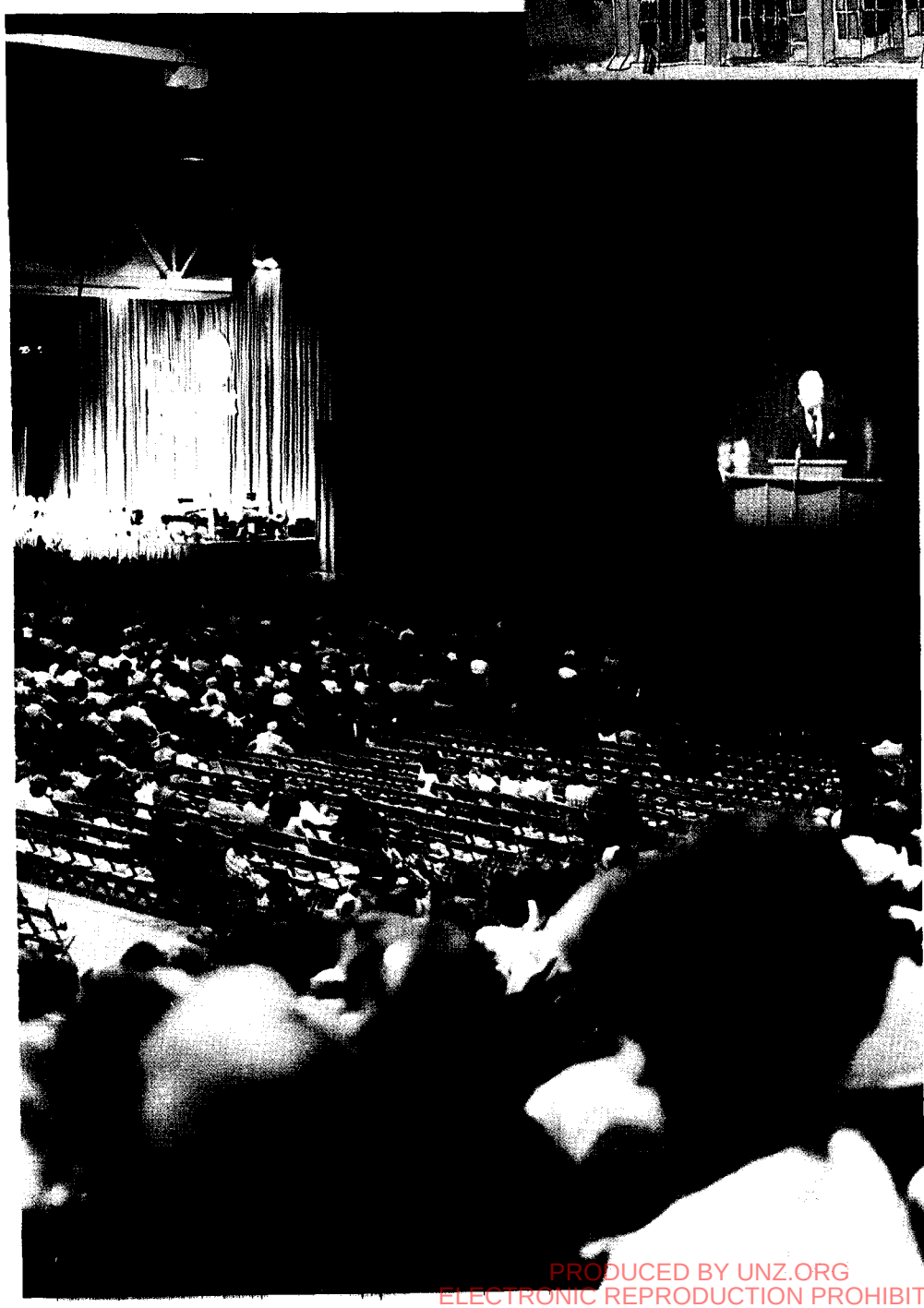
doned Methodist hall that once had served as a livery stable. The crowds grew, whites began attending, and the meetings went on continually for the next three years.

Visitors from around the world came to Seymour's meetings, and as a result, the movement quickly took root on every continent. Several holiness denominations adopted Pentecostal doctrine, including the predominantly black Church of God in Christ, the Church of God (Cleveland, Tennessee) and the Pentecostal Holiness Church. In April 1914, 300 ministers and other leaders from these and independent groups met in Hot Springs,



The Assemblies of God movement was incorporated in 1914 at the old opera house in Hot Springs, Arkansas.

Arkansas, to forge a more formal alliance. Out of that gathering came the Assemblies of God, now the largest of American Pentecostal denominations.

Pentecostals are best known by outsiders for their distinctive emphasis on speaking in tongues. According to Assemblies of God teaching, it is the sign that occurs when a believer receives the "baptism in the Holy Spirit." With this baptism "comes the enduement of power for life and service" and the bestowal "of the [spiritual] gifts and their uses in the work of the ministry." The baptism was a normal experience in the early church, the Assemblies of God teaches, and believers ought to expect and seek it today.

Contrary to popular perception, however, tongues-speaking—or glossolalia, as the theologians call it—is not a consuming issue for most A/G people. Like the vast majority of Assemblies of God members, the Botellos and Norma Champion have never stood up in a church service and delivered a message of edification in tongues. Richard Champion, a fourth-generation Pentecostal, has done it on occasion. (He is managing editor of *The Pentecostal Evangel*, the Assemblies of God's 275,000-circulation weekly magazine.)

All four say they use tongues in

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their private prayer. They feel it helps communicate their deepest thoughts and concerns to God in a way they could not adequately express otherwise. Yet they do not think other believers are less Christian if they do not have the same experience.

When you talk with each of these individuals about their faith, what comes through most clearly is their love for God and their intense desire that others might come to know and love Him, too.

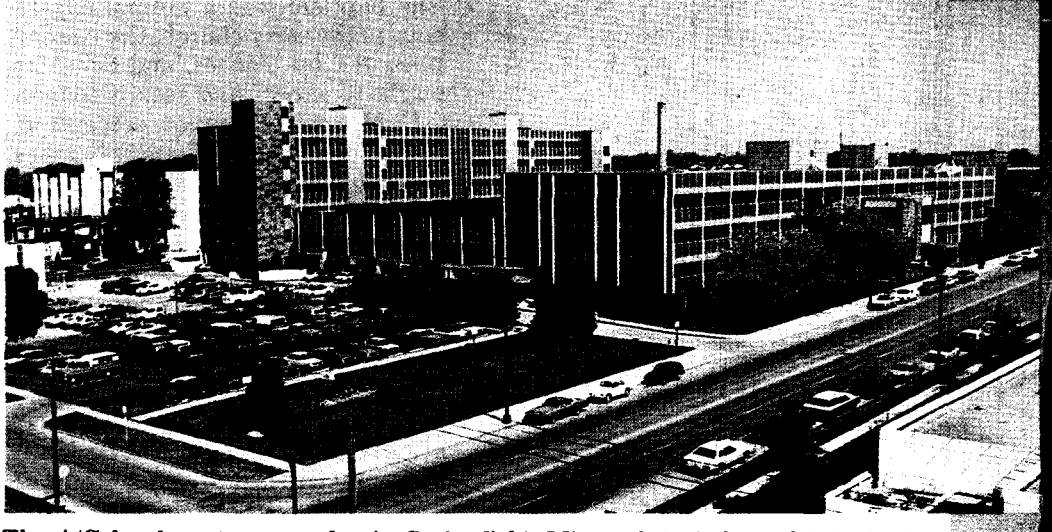
Visitors to international headquarters view a light and sound show at a hand-carved mural that depicts the second coming of Christ.

These same traits, along with a rock-ribbed belief in the authority of the Bible, are probably the most dominant religious characteristics held in common by Assemblies of God members around the world. Perhaps that in part explains the rapid growth.

Surprisingly, church services in many Assemblies of God churches closely resemble those in, say, Methodist or Baptist churches. Possibly there will be more singing and other forms of audience participation in the A/G services, with greater emphasis on physical healing during prayer periods—but not always. A wide diversity exists among Assemblies of God churches themselves. Much depends on the pastor's own background and preferences, or on the congregation's traditional inclinations.

You may hear public tongues utterances or "prophecies" in one Assemblies of God Sunday-morning service (as you would at Central Assembly, where the Champions attend), but not in another church in the same town. You may see the sick dabbed with olive oil and prayed over at the altar in one church but simply remembered in the pastor's main prayer at another. There may be strong emotional outpouring in a rural church service but almost cool reserve in one in a university neighborhood. In all, you'd find a hefty measure of genuine friendliness and good will. Assemblies of God congregations have a rich heritage of independence, and to this day, headquarters cannot dictate local church structures or policies. In some A/G churches, the pastor—seen as God's specially gifted leader—is a virtual autocrat, making all the major decisions; in others, the congregation's elected officers determine the course. In short, there is no "typical" U.S. Assemblies of God congregation. They come in all colors and several languages: Spanish (more than 700 churches), Korean, Chinese, Ital-

John Maracle, home missionary to the American Indians, and his wife join 200 other missionaries in the 1981 mission's parade in St. Louis.



The A/G headquarters complex in Springfield, Missouri, includes a full-fledged publishing house. Norma Champion (right) is a media professor at the Assemblies' Evangel College and also hosts a popular weekly secular TV show for children.

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ian, German, Russian and others.

From its founding in 1914, the Assemblies of God denomination now boasts:

- Nearly 10,000 U.S. churches with 1.8 million adherents and 23,000 ministers—3,300 of them women, including 230 pastors.
- Work in 108 other countries, with 8.9 million constituents (up from 200,000 in 1940) in 93,500 churches and meeting places, served by nearly 80,000 ministers, 1,250 missionaries and more than 200 Bible schools.
- Nine U.S. Bible colleges, a liberal-arts college and a graduate school of theology with a total enrollment of about 9,000.
- More than 1,000 Christian day schools (preschool to high school) in the U.S., with an enrollment of some 88,000—an increase of 15,000 over the preceding year.
- A weekly radio program, "Revivaltime," heard for years on the ABC network and presently on more than 600 stations worldwide, attracting 11,000 letters a month.
- A modern printing plant that churns out nearly 19 tons of Christian literature every day at Assemblies of God headquarters in Springfield, Missouri.
- A budget last year of more than $79 million, with $44 million for foreign missions—an increase of $9 million and $4 million respectively in just one year.

Alice Reynolds Flower, 92, widow of J. Roswell Flower, a founder and longtime general secretary of the Assemblies of God, is kept busy by a constant pilgrimage of researchers anxious to hear her vivid eyewitness accounts of early church history.

New A/G churches in the U.S. have opened at the rate of almost one a day for the past three years, and population explosions are bursting the seams of a number of older churches. Some examples:

Under the quick-paced leadership of Pastor Tommy Barnett and his six assistants, First Assembly of Phoenix, Arizona, has become one of the fastest-growing churches in the nation. The average attendance at Sunday-morning services has rocketed from 250 at the end of 1979 to more than 2,000, with 3,000 additional faces in children's church and various other programs. Nearly 1,000 flock to Wednesday-night prayer meetings. This year, some 12,000 turned out for an Easter pageant the church sponsored in a football stadium. First Assembly carries on an extensive ministry in convalescent centers. Four of its 27 buses are equipped with wheelchair lifts and enable many handicapped persons to attend church services.

Eleven years ago, average attendance at Crossroads Cathedral (formerly First Assembly) of Oklahoma City was 130. Now, 4,000 to 6,000 attend the Sunday services, both morning and evening, and more than 1,500 attend the mid-week prayer meetings. A recently built sanctuary can seat up to 8,000, says Pastor Dan Sheaffer, and he predicts it will be necessary eventually to schedule several services on Sunday mornings to hold the crowds. Commitment is the watchword at Crossroads, notes the pastor, who has only one paid assistant. Crossroads sponsors a chain of neighborhood evangelistic and spiritual-nurture groups that are directed by lay leaders.

(Assemblies of God officials cautiously point out that despite all the growth and the emergence of scores of churches with more than 1,000 attending, the average-sized Assemblies of God church has only 109 members.) But numbers do not tell the real story. Where do all the new faces come from, and why do they come?

Perhaps Mary Jo Botello's story can provide some clues. An intellectual of sorts, she and her husband attended a fashionable, somewhat staid, mainstream church, where she helped out in children's work. Yet she felt troubled; something was missing. Husband Ray says their life was one thing on

Continued on page 85

Young workers for the Assemblies of God raise money for their missionaries by selling *Post* subscriptions to friends and neighbors nationwide. Proceeds are used to buy vehicles and communications equipment for labors of love around the world.

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WHAT TO DO FOR A CHOKING CHILD

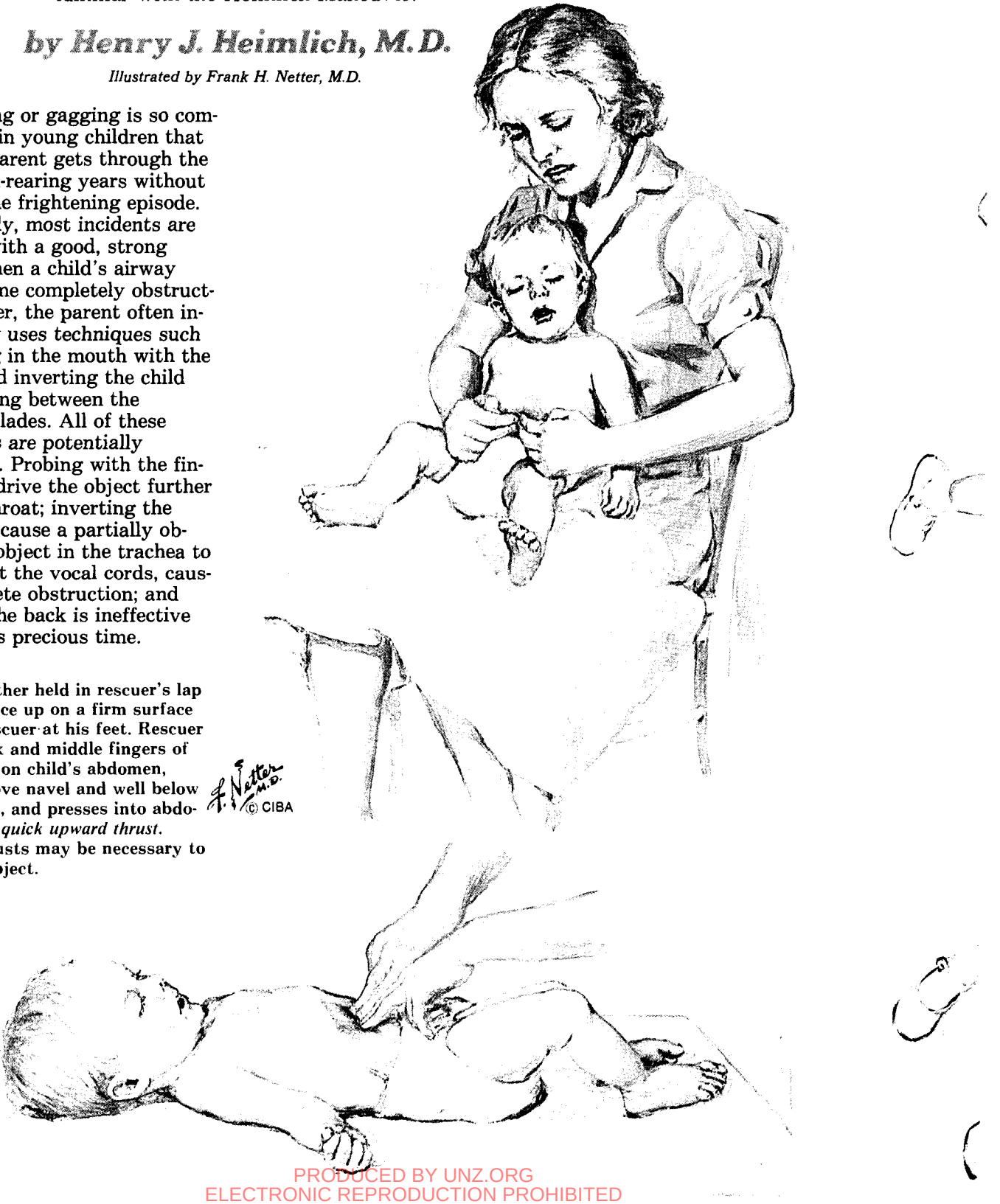
To be spared the terrifying experience of helplessness when a child is choking is to be familiar with the Heimlich Maneuver.

by Henry J. Heimlich, M.D.

Illustrated by Frank H. Netter, M.D.

Choking or gagging is so common in young children that hardly a parent gets through the early child-rearing years without at least one frightening episode. Fortunately, most incidents are resolved with a good, strong cough. When a child's airway does become completely obstructed, however, the parent often instinctively uses techniques such as probing in the mouth with the fingers and inverting the child and slapping between the shoulder blades. All of these techniques are potentially dangerous. Probing with the fingers may drive the object further into the throat; inverting the child may cause a partially obstructing object in the trachea to fall against the vocal cords, causing complete obstruction; and slapping the back is ineffective and wastes precious time.

The standard Heimlich Maneuver as used for adults has been performed safely on children as well. The rescuer simply lessens the force of the subdiaphragmatic thrust when the victim is a child. In very young children, the force of the thrust can be controlled by pressing into the abdomen with the middle and index fingers of both



Infant is either held in rescuer's lap or placed face up on a firm surface with the rescuer at his feet. Rescuer places index and middle fingers of both hands on child's abdomen, slightly above navel and well below the rib cage, and presses into abdomen with a *quick upward thrust*. Several thrusts may be necessary to expel the object.

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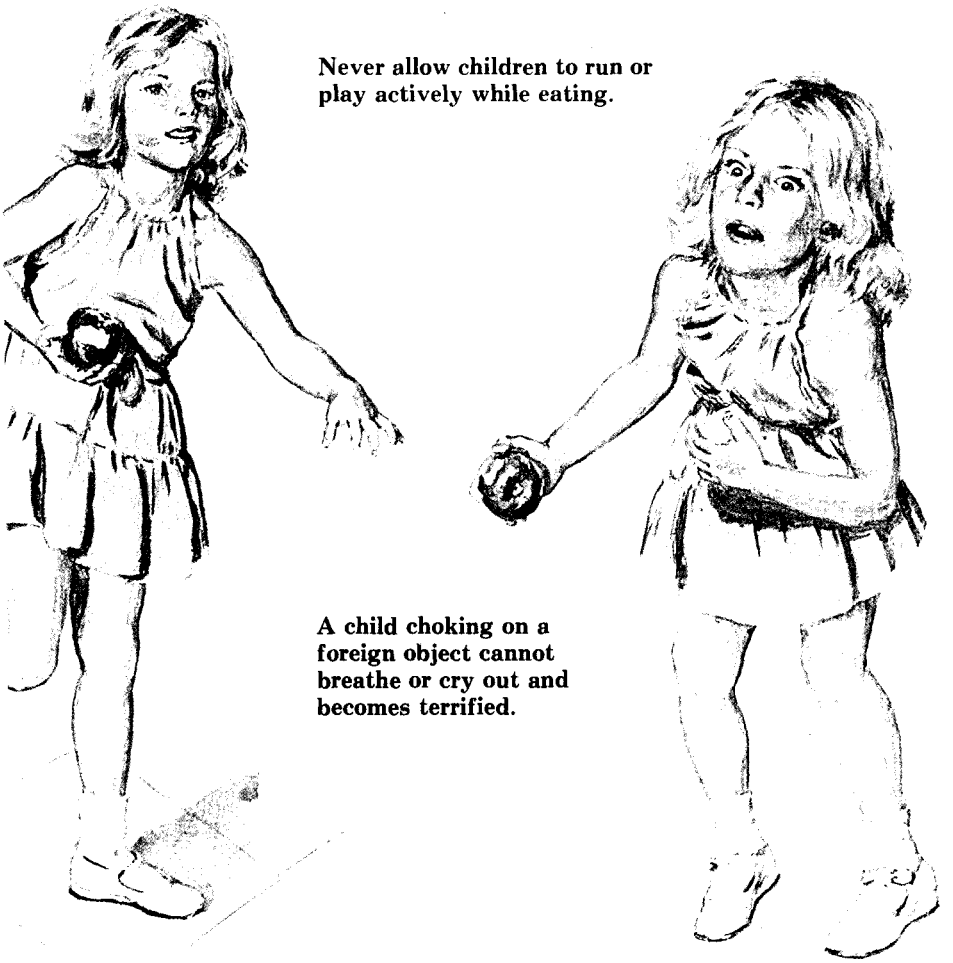
hands instead of with the fist and covering hand as used in the regular Maneuver. The rescuer either holds the infant in her lap or places the child on a firm surface and stands at his feet. With the index and middle fingers of both her hands in position (Illustration 1), the rescuer presses into the abdomen with a quick upward thrust. Several thrusts may be necessary.

Should *repeated* attempts to dislodge the obstruction fail, the following technique can be used *with caution.* (This alternative method is itself dangerous and should only be used in extreme circumstances.) The rescuer drapes the infant over her arm or thigh (depending on the child's size) so that the child's abdomen rests on the supporting arm or thigh and his head hangs down. She then strikes between the infant's shoulder blades with sharp, firm blows. The blows, in combination with the pressure of her arm or thigh on the infant's abdomen, simulate the subdiaphragmatic thrust of the Heimlich Maneuver.

The hazards associated with the alternative technique are significant. Great care must be taken to hit the child with sufficient force to dislodge the obstruction but not so hard as to cause injury. Also, when the child's head is hanging down, there is always the risk that an object in the trachea causing only partial occlusion can fall against the vocal cords and completely obstruct the airway.

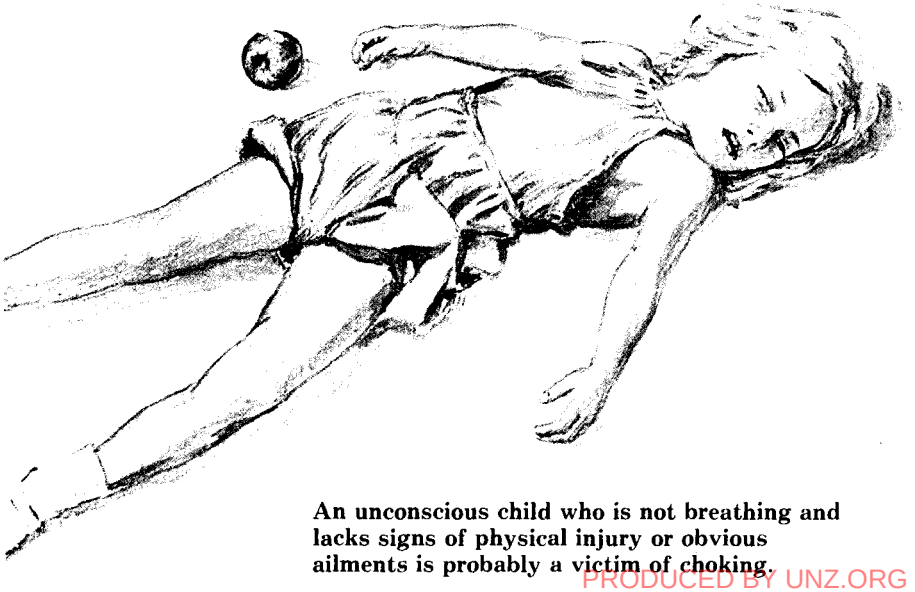
With care and common sense, many choking incidents can be avoided. Food should always be cut in small pieces and chewed thoroughly and slowly. Talking and laughing while chewing or swallowing should also be avoided.

Special precautions must be taken to prevent choking in children. In addition to the safety measures listed above, a child should never be allowed to play or run with food, a lollipop or anything else in his mouth (Illustration 2). Children younger than three years of age require special attention because during play they are likely to mouth toys or any other object within reach. Care must be taken to select toys that are too large for them to swallow or inhale. The recent death of a small child as a result of inhaling a "missile" from a toy spaceship points to the need for parents to be constantly vigilant in checking all toys they or others may purchase for their children. The house or play area must also be "child-proofed" by moving small objects such as nails, coins, beads or even an older child's toys out of the infant's reach.



Never allow children to run or play actively while eating.

A child choking on a foreign object cannot breathe or cry out and becomes terrified.



An unconscious child who is not breathing and lacks signs of physical injury or obvious ailments is probably a victim of choking.

Editor's Note: The American Heart Association, Dr. Heimlich and the American Red Cross presently have honest differences of opinion about the safest method of preventing the death of a choking infant. Until there is a consensus, it would be wise to know what the options are.

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THE MAKING OF A MARINE

Take one young recruit, crop close to scalp, bring resolve slowly to a boil, drill until tough all over. Serves 230 million.

by Diane Dalbey

"Privates! From now on, the last words out of your mouths will be 'yes sir' and 'no sir.' Is that understood?"

"Yes sir," shouts the baritone chorus of bewildered young men who have just checked in at San Diego's Marine Corps Recruit Depot.

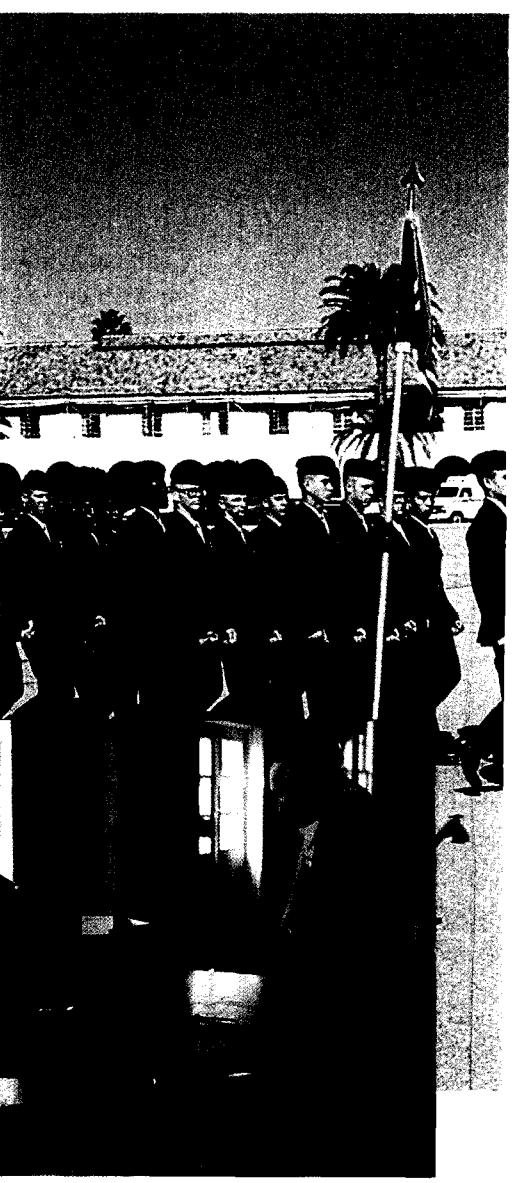
For the next 73 days, these recruits will be subjected to cultural shock, physical exhaustion and emotional strain that will make them think of home and mother and the girl they left behind many times over. Seventeen percent won't make it. But those who do will finish with a proud sense of accomplishment that is the very heart of a United States Marine.

"The Marines take the recruits back to ground zero, clean out the old and instill the new," explained Lt. Col. C.E. Daniel about the training regimen. "Their first few days here are quite traumatic, beginning with the haircut. Besides losing most of their hair, they lose their privacy, their self-expression and their individuality. And many are away from home for the first time.

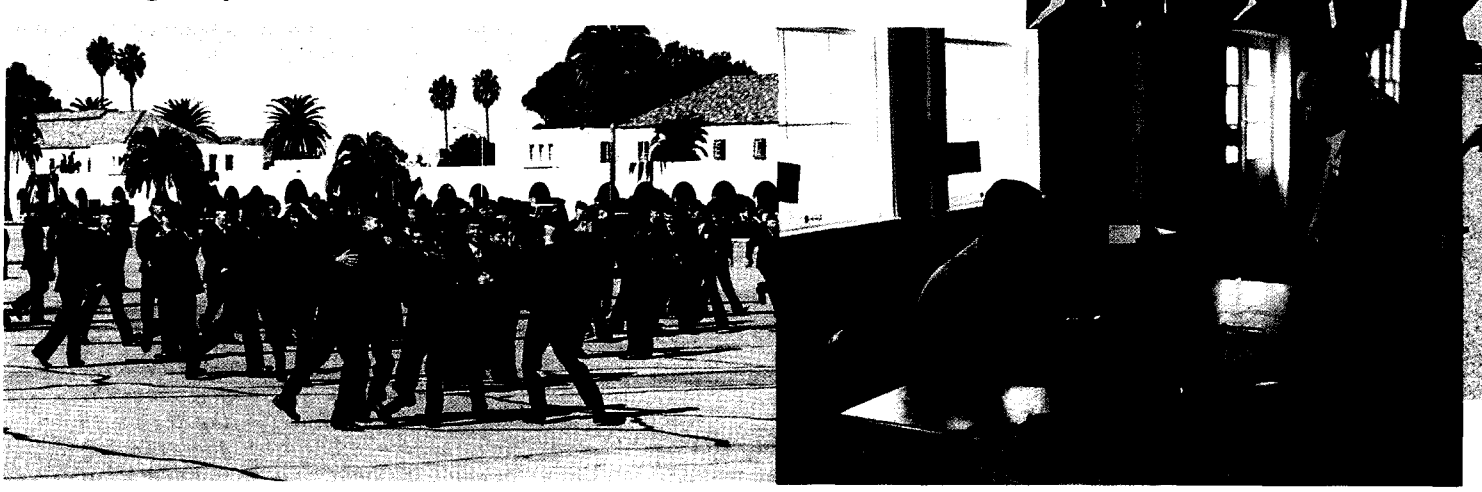
"However, they are quickly reoriented," Lieutenant Colonel Daniel cheerfully pointed out. "Soon, recruits even surprise themselves, learning to do things they never dreamed they could do in civilian life—such as getting into the bathroom, showering, shaving and getting dressed, all in eight minutes."

"Marines make Marines," declared Maj. Gen. W.R. Rice, commanding officer. The depot's top leatherneck, he is the quintessential Marine, from his alert, chiseled face to his Olympian physique. His maxim is personified in the drill instructor, backbone of recruit training. The drill instructor is the first person the recruit encounters upon his arrival at the night recruiting barracks, the first person to give him orders and the first person to see him plop arrogantly into the barber chair and slink out 60 seconds later looking more like Telly Savalas than Tom Selleck.

Besides the haircut during that first ego-shattering hour, the new arrivals are given gray tubs containing bed linens, field jacket, poncho, canteen and cover, cartridge belt, two sets of underwear and a seabag. They're issued their first Marine uniforms and necessities just to get them through the next two days. They strip, shower and then dress in their new fatigues, afterward packaging their



"We sent you a boy; you sent us back a man," is a common comment from parents to battalion commanders after that proud moment of graduation when the recruit can rightfully claim the title of "United States Marine."



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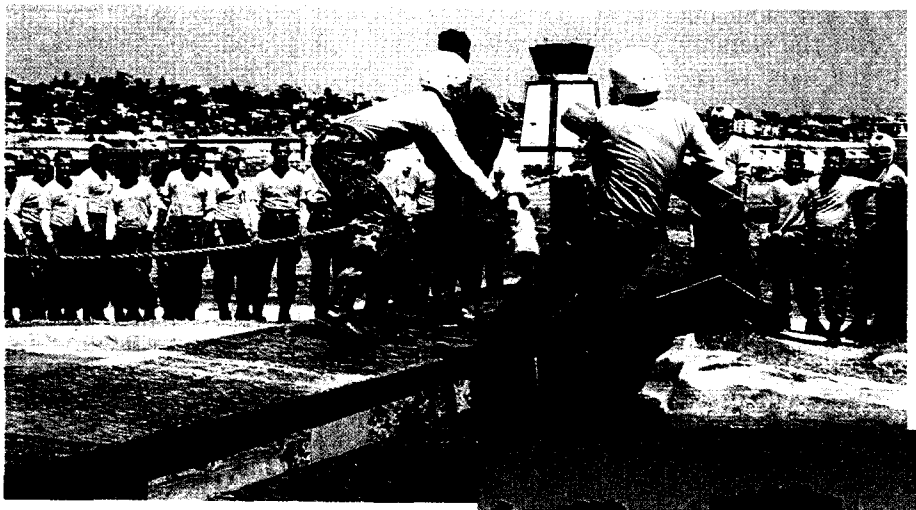
civies to be sent home.

Once the bedazzled private receives his first issue, he stands at attention on painted yellow footprints and inventories the items before stowing them in his seabag. And so to bed, his sleep to be rudely interrupted "in the middle of the night" (4:45 a.m., to be precise) by the shattering sounds of reveille.

The next few days are spent on "processing"—the recruits going through medical, dental and intelligence tests. The DI hasn't really had a chance to show his stuff because the recruits have all the anxiety they can handle passing these crucial exams.

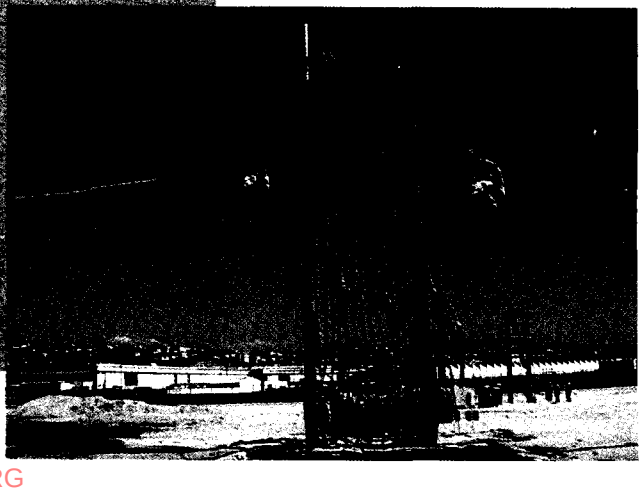
Staff sergeants William Fleming and Jesus Presus, both senior DIs, explained the recruits' 73-day metamorphosis this way:

Continued on page 108



Upon reaching the final step of his training, the infantry phase of the Marine Corps, recruits challenge each other with the pugil stick (simulated bayonet fighting) on the depot's "Bridge over Troubled Waters."

Although clothes may not make the man, a uniform does make a Marine—especially dress blues for graduation, awarded to each proud honorman.



The Marine Corps' rigorous training program treats the once-slouching recruits to the polished discipline of the parade drill as well as the perilous aerial exercise of the "slide for life."

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MY WIFE—AND OTHER GARDEN PESTS

Of all her screwball ideas, force-feeding milk to a precocious pumpkin vine wasn't her worst—only her latest.

by Maynard Good Stoddard

Illustrated by Jared Lee

"Did you read that piece in the Sunday *Star*?" my wife yelled over to me, leaning on the pickax she was using to loosen the so-called soil around our newborn pumpkin vines.

I shut off the Black & Decker drill I had extension-corded into the garden to make holes for a second planting of peas. "Could you narrow it down to the section of the paper it was in?" I called back.

"You know, about force-feeding milk to your vines. It said they would grow like crazy."

Coddle pumpkin vines with milk! True, the topsoil from our hilltop acreage here in Freedom (Indiana, that is) has been reposing no doubt comfortably in the valley since shortly after God created the heavens and the earth. True, also, this left the top stratum 100 percent clay. And not just your plain old patty-cake clay. This was the type of clay from which billiard balls must be made. But, as any male gardener knows, where it might make a little sense to give the more refined cucumber or even muskmelon vine a booster shot of milk now and then, the pumpkin is a natural-born extrovert as it is.

"They don't require any milk," I called over to her. "Those things can germinate on a rock pile and be crossing Highway 67 a week later without any encouragement."

"I'd just like to try it on one," said she with her usual persistence.

"I'll have to sleep on it," said I, turning on my drill and going back to gardening.

And sleep on it I did. That very night, in fact. . . .

My wife was in the garden with a quart syringe delivering a milk hypo to the vine she had selected as a guinea pig. After the second feeding, she hung a gallon jug from the shoulder of the scarecrow and began intravenous injections. All she could babble about was her upcoming blue ribbon for having the biggest pumpkin at the Owen County Fair.

By the time the jug went dry, the vine, now going under the name of Rover, had already roved ruthlessly over two rows of struggling beets, topped two rows of carrots, wiped out 10 feet of radishes, decapitated three artichokes, toppled six tomato plants, stakes and all, and, like the final linking of the Continental Railroad, had meshed calyxes with a butternut squash from the opposite end of the garden. (I had heard that cross-pollination went on, but I'd never been able to catch the little devils at it. I could only hope the neighbors wouldn't find out.)

Anyway, no sooner had I smashed the intravenous jug than my wife came out with a packet of sunflower seeds and made the mistake of asking, "Where should I stick these?"

Well, one thing led to another, and she ended up going back to the house. Later, when I felt this tickling on the seat of my pants, I thought, of course, it was her old ploy for patching things up. But it was Rover. Yes sir, that rascal had taken advantage of the argument to creep up my pants leg. I wished later I had thought to time myself; I could have been in the *Guinness Book of World Records* for fastest time in getting out of a pair of pants. My time in getting from the garden to concealment on the back porch wasn't bad either.

That night, for some reason, I couldn't sleep. And I didn't learn the reason until after midnight. Stamens flattened against our bedroom window, leaves trembling in frustration, anthers tapping impatiently on the window sill, there was Rover. I woke my wife and told her her pumpkin vine wanted his two o'clock feeding. She just groaned something about "stupid" and went back to sleep. This left it up to me to get out of bed, stumble to the refrigerator, fill a dishpan with milk and set it out on the patio. And I watched until Rover came creeping around the corner of the house and slurruped the whole thing. Didn't leave enough for our morning coffee.

The following evening began as one of those idyllic man-and-wife-at-home types: eating, loafing, reading, listening. The only snake in our little Eden was a box of milk chocolates lying invitingly on the coffee table. After maybe the fourth rustling of the box lid I said

to my wife, "Don't you think you've had enough candy?"

"Whadya mean *me*!" she said. "I thought it was *you*."

So I kept peeking over the top of my *U.S. News & World Report*. And, sure enough, Rover, who had pushed out a window screen and worked his way under the rug to the sofa, came up the leg of the coffee table and ran his fat pedicel up under the box top to snitch a milk chocolate. I spent the remainder of that evening working him back outside, replacing the screen and luring him with a pan of milk around through five croquet wickets. These I pounded down while he was up to his greedy little

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tendrils in milk.

As Rover didn't free himself until midafternoon, I had a little free time to repair the line fence between our place and Abrell's. Pumpkin-vine spoor left no doubt that our Rover, for some reason, had flattened it.

In fact, for the next three mornings, I was required to resurrect the fence. On the third day, Gail Abrell dropped by. "You know," he said, leading up to the point of his mission, "I've seen it so dry that cows would give nothing but powdered milk. But for the past three days, my cows haven't produced so much as that." I hadn't experienced such a feeling in my stomach since the last time my wife told me she was pregnant. I laid low, offering him only a modicum of sympathy.

After he left, I went out and erected a 10-foot stockade fence between our place and his pasture field. For good measure, I strung an electric fence above that. And that night, I went to bed too tired to bother with the nonessentials, such as getting undressed. And a good thing it was, because no sooner had I fallen into a coma than my wife began drumming on my forehead with the evening paper and telling me "Gail is on the phone, and he sounds upset."

I managed to get in a sleepy "Yes?" before he launched into his soliloquy: "There's a pumpkin vine in our kitchen . . . pushed our back door right off the hinges . . . ran its dirty old stigma into a pitcher of milk on the table . . . milk that I had to buy—buy, mind you—because my cows aren't producing . . . and I know why . . . that vine must have stripped them dry . . . and my wife has taken to bed . . . and there won't be any supper . . . and now the thing has just come out of the bathroom with a bottle of Milk of Magnesia. . . ."

When he stopped to take a breath, I broke the connection and handed the hot receiver to my wife. "Call Lewis Service and tell them to send out a wrecker—the one with the winch! Then come out to the garden. I'll get the saw."

While we were taking turns sawing Rover off at the base, the man with the winch drove up, and we began winching our wandering vine back home. Two hours later, Rover's insatiable stigma, wet from the pitcher of milk and still clutching the Magnesia bottle, hove into sight. Milk that had already drained from the lopped-off base had formed a small pond on Gail's side of the fence, enough to feed his pigs for a week. I hoped it would help set things straight. It might also help if I cut up Rover and gave him to Gail for ensilage. With this in mind, I began the formidable task of pulling the vine off the winch and stringing it to dry between the clothesline posts and the security light pole.

I was going pretty good, too, when I heard my wife yelling, "What in the world do you think you're doing!"

"Hmm . . . um . . . ah . . . getting Rover off the wrecker," I mumbled.

"You're pulling down the window curtains. What were you dreaming about anyway!"

"You aren't giving milk to any of those pumpkin vines!" I replied.

"What on earth brought *that* up!" she said, turning on the nightlight and hooking the curtain rod back in place.

"Never mind—just don't go near those vines with milk in any form. Even milk chocolate," I said.

"You are weird," she pointed out, turning off the light with a well-rehearsed, drawn-out sigh.

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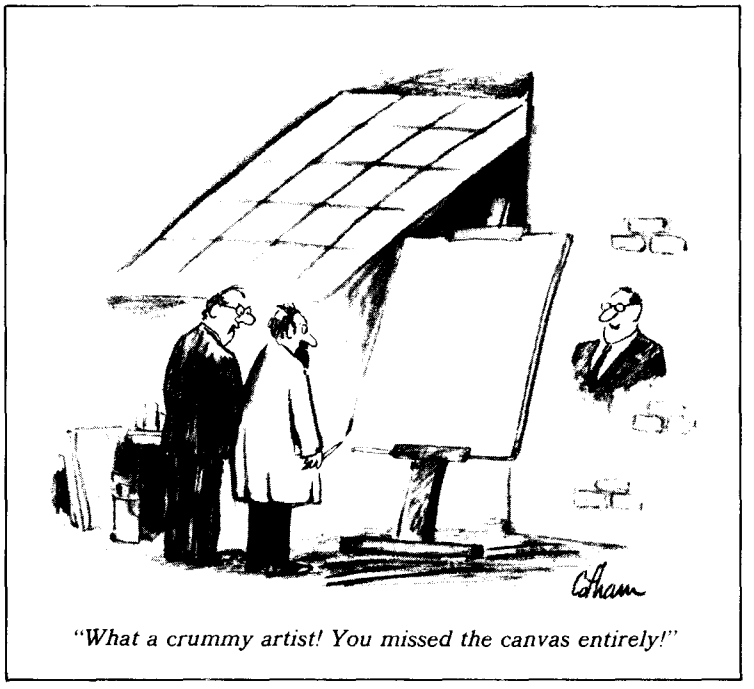
Parasite

continued from page 63

bearing a scribbled name, address and diagnosis—and it was handled with conventional dispatch. Within an hour, Dr. Morris Greenberg, who was then chief epidemiologist of the Bureau of Preventable Diseases, had put one of his fleetest agents on the case, a field epidemiologist named Lawrence Levy. Ten minutes after receiving the assignment, Dr. Levy was on his way to the hospital, intent on tracking down the source of the infection, with the idea of alerting the physicians of other persons who might have contracted the disease along with Sauer. At 11 o'clock, Dr. Levy walked into the office of the medical superintendent at Metropolitan. His immediate objective was to satisfy himself that Sauer was indeed suffering from trichinosis. He was quickly convinced. The evidence of the eosinophile count was now supported in the record by more graphic proof. Sauer, the night before, had undergone a biopsy. A sliver of muscle had been taken from one of his legs and examined under a microscope. It teemed with *Trichinella spiralis*. On the basis of the sample, the record noted, the pathologist who made the test estimated the total infestation of trichinae at upward of 12 million. A count of more than five million is almost invariably lethal. Dr. Levy returned the dossier to the file. Then, moving on to his more general objective, he had a word with the patient. He found him bemused but conscious. Sauer appeared at times to distantly comprehend what was said to him, but his replies were faint and rambling and mostly incoherent. At the end of five minutes, Dr. Levy gave up. He hadn't learned much, but he had learned something, and he didn't have the heart to go on with his questioning. It was just possible, he let himself hope, that he had the lead he needed. Sauer had mentioned the New York Labor Temple, a German-American meeting-and-banquet hall on East Eighty-fourth Street, and he had twice uttered the word "*Schlachtfest.*" A *Schlachtfest*, in Yorkville, the Doctor knew, is a pork feast.

Before leaving the hospital, Dr. Levy telephoned Dr. Greenberg and dutifully related what he had found out. It didn't take him long. Then he had a sandwich and a cup of coffee and headed for the Labor Temple, getting there at a little past one. It was, and is, a shabby yellow-brick building of six stories, a few doors west of Second Avenue, with a high, ornately balustraded stoop and a double basement. Engraved on the facade, just above the entrance, is a maxim: "Knowledge Is Power." In 1942, the Temple was owned and operated, on a nonprofit basis, by the Workmen's Educational Association; it has since been acquired by private interests and is now given over to business and light manufacturing. A porter directed Dr. Levy to the manager's office, a cubicle at the end of a dim corridor flanked by meeting rooms. The manager was in and, after a spasm of bewilderment, keenly cooperative. He brought out his records and gave Dr. Levy all the information he had. Sauer was known at the Temple. He had been employed there off and on for a year or more as a dishwasher and general kitchen helper, the manager related. He was one of a large group of lightly skilled wanderers from which the cook was accustomed to recruit a staff whenever the need arose. Sauer had last worked at the Temple on the nights of March 27 and March 28. On the latter, as it happened, the occasion was a *Schlachtfest.*



"What a crummy artist! You missed the canvas entirely!"

Dr. Levy, aware that the incubation period of trichinosis is usually from seven to 14 days and that Sauer had presented himself at Lenox Hill on April 6, motioned to the manager to continue. The *Schlachtfest* had been given by the Hindenburg Pleasure Society, an informal organization whose members and their wives gathered periodically at the Temple for an evening of singing and dancing and overeating. The arrangements for the party had been made by the secretary of the society—Felix Lindenhauser, a name which, like those of Sauer and the others I shall mention in connection with the *Schlachtfest*, is a fictitious one. Lindenhauser lived in St. George, on Staten Island. The manager's records did not indicate where the pork had been obtained. Probably, he said, it had been supplied by the society. That was frequently the case. The cook would know, but it was not yet time for him to come on duty. The implication of this statement was not lost on Dr. Levy. Then the cook, he asked, was well? The manager said that he appeared to be. Having absorbed this awkward piece of information, Dr. Levy inquired about the health of the others who had been employed in the kitchen on the night of March 28. The manager didn't know. His records showed, however, that, like Sauer, none of them had worked at the Temple since that night. He pointed out that it was quite possible, of course, that they hadn't been asked to. Dr. Levy noted down their names—Rudolf Nath, Henry Kuhn, Frederick Kreisler and William Ritter—and their addresses. Nath lived in Queens, Kreisler in Brooklyn and Kuhn and Ritter in the Bronx. Then Dr. Levy settled back to await the arrival of the cook. The cook turned up at three, and he, too, was very cooperative. He was feeling fine, he said. He remembered the *Schlachtfest.* The pig, he recalled, had been provided by the society. Some of it had been ground up into sausage and baked. The rest had been roasted. All of it had been thoroughly cooked. He was certain of that. The sausage, for example, had been boiled for two hours before it was baked. He had eaten his share of both. He supposed that the rest of the help had, too, but there was no knowing. He had neither seen nor talked to any of them since the night of the feast. There had been no occasion to, he said.

Dr. Levy returned to his office, and sat there for a while in meditation. Presently, he put in a call to Felix Lindenhauser, the secretary of the society, at his home on Staten Island.

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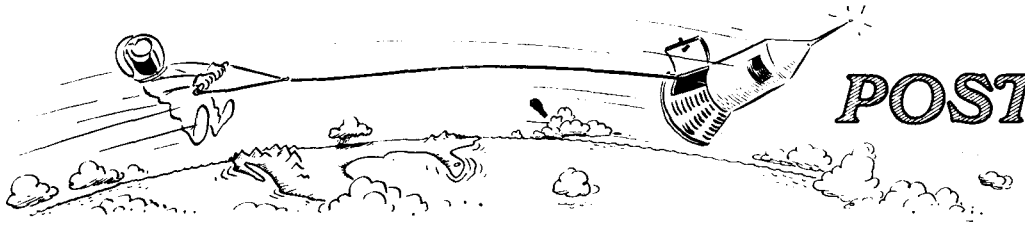

POST SCRIPTS

Tales Mein Grossfader Told
Der Northern Wind und der Sun

Der Northern Wind ben squabblen mit der Sun und claimen der freezen breezers iss rulen der earthen. Der gleamer iss claimen der heaten wavers iss stronger.

Der puffer ben outpointen ein burgher geplanten der buddenbloomers in der garten. Das burgher ben wearen ein coaten.

Der puffer ben betten der freezen breezers ben offengeblowen der coaten und der gleamer ben betten der heaten wavers iss removen der coaten.

Mit grosser blasten und huffen der Northenpuffer ben senden der breezers mit sleeten und snowflaken. Das burgher ben closer huggen der coaten und finaller der puffer iss quitten.

Der Sun ben gleamen mit outbeamen der heaten wavers. Iss das burgher drippen mit der sweaten? Iss offen-comen der coaten? Nein! Der gleamer ben missen das burgher accounten der earthen ben turnen and nighten iss gefallen!

—Dave Morrah

Driving Ambition

Of all the pleasures that can be,
Than this there's nothing sweeter—
To find a parking space and see
There's time left on the meter!

—Dick Emmons

Poetic Justice

A farmer, plagued by passers-by taking vegetables from his fields, tried all the no-trespassing, do-not-enter signs without result until he put up this one:

Thou shall not steal;
Thou shall not kill;
You don't,
I won't!

—George D. Parrish

"I didn't say you'd be good in a musical comedy. I said your singing was a joke."

Amusing Musings

Is a wedding unsuccessful if it comes off without a hitch?

Could a correspondence school be called an all-mail college?

Is a weight-watcher dropout a desserter?

Do ouija boards use ghost writers?

Does a two-bit cowboy ride a quarter horse?

Can an allergy doctor be called a man for all sneezin's?

—J.H. Johnson

Fly by Night

Upon returning from a fishing trip with her husband, the fisherman's wife was asked, "Did you fish with flies?"

"Fish with them!" she exclaimed. "We camped, ate and slept with them."

—George E. Bergman

Quite Seedy

Sign painted on side of old, worn-out car on an Indiana highway: "If you could squeeze this car, you would get lemonade."

—Herm Albright

Designer's Tale

The end doesn't always justify the jeans.

—Dorothea Kent

Present Evidence

A farmer was determined to win a pending lawsuit against another farmer. He asked his lawyer whether a little present to the judge would tilt the balance in his favor.

"Don't do it!" exclaimed the lawyer emphatically. "An attempt to bribe this honest judge is the surest way to lose the case."

The farmer ignored the advice and sent the judge a couple of geese anyhow. And yet he won.

"I cannot understand it," said

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the baffled lawyer when his customer told him what he had done. "It was the wrong thing to do under the circumstances."

"You were right," answered the cunning farmer. "When I sent the geese to the judge, I attached a note in the name of my opponent!"

—*Chuck Draper*

Ducking the Question

The first-grade teacher had her children coloring a picture of a duck carrying an umbrella. They were told to color the duck yellow and the umbrella green. However, she noticed one little boy energetically coloring his duck red. Disapprovingly, she said, "Jimmy, just how many red ducks have you ever seen?"

"I guess I ain't seen any red ones," he admitted. "But I ain't seen any yellow ones carryin' green umbrellas either!"

—*Kenneth E. Hall*

Legging Her On

A youngster was constantly asking to be driven places. At last, the tired mother said, "What do you think God gave us two legs for?"

The child's quick reply: "One for the brake, and one for the gas."

—*Martha J. Beckman*

Cinematic Justice

A movie company was shooting scenes for a picture in a big city when two elderly women walked in front of the camera. A movie man shouted: "Don't go there—a movie is being shot!"

"Well," exclaimed one woman, "if it's anything like the one I saw last night, it certainly deserves to be!"

—*Rose Sands*

Have You Ever Noticed?

Most players of tennis,
Of golf and of pool,
Have a practice so common
It's almost a rule:
After muffing a shot,
As the best of them do,
They examine their racket,
Their club or their cue.
But a definite fluke
They will try to disguise
As a masterful shot,
By concealing surprise.
It's all very childish,
Sportsmen should shun it,
But give me a dime for
Each time *I* have done it!

—*Burge Buzzelle*

Flame-ous Strategy

A madcap old general, dubbed Blind Tim,
In order, each night, to unwind him
Would, before he'd retire,
Warm his rear by the fire
And burn all his britches behind him.

—*G. Sterling Leiby*

Weekend Devotions

Most of us bow our heads on Sundays. . . .
That's pretty clearcut:
Some of us to pray, of course,
And others of us to putt.

—*Ruth M. Walsh*

Slim Pickings

We leave the house lights on when we're gone,
Which has foiled every burglary plot.
We want every crook to see at a glance
Just what we haven't got.

—*Hans G. Mueller*

Spring Omen

Too soon I'll crank the old machine,
And start a summer's mowing.
I love to see the grass so green,
But hate to know it's growing.

—*Norman A. Walter*

Doggone Duck Hunting

Duck hunter #1, standing knee-deep in the marsh and watching flock after flock pass overhead: "I wonder why we're not getting any ducks."

Duck hunter #2: "Maybe we're just not throwing the dog high enough."

—*Lynette Combs*

Fowl Play

The treasurer of the Ladies' Aid Society went into her small-town bank to deposit the latest addition to the organization's fund. She told the teller, who was a little hard of hearing, that it was "aid money."

Thinking she had said "egg money" and considering the large amount, the teller thought a compliment was in order.

"Isn't it remarkable," he said, "how well the old hens are doing?"

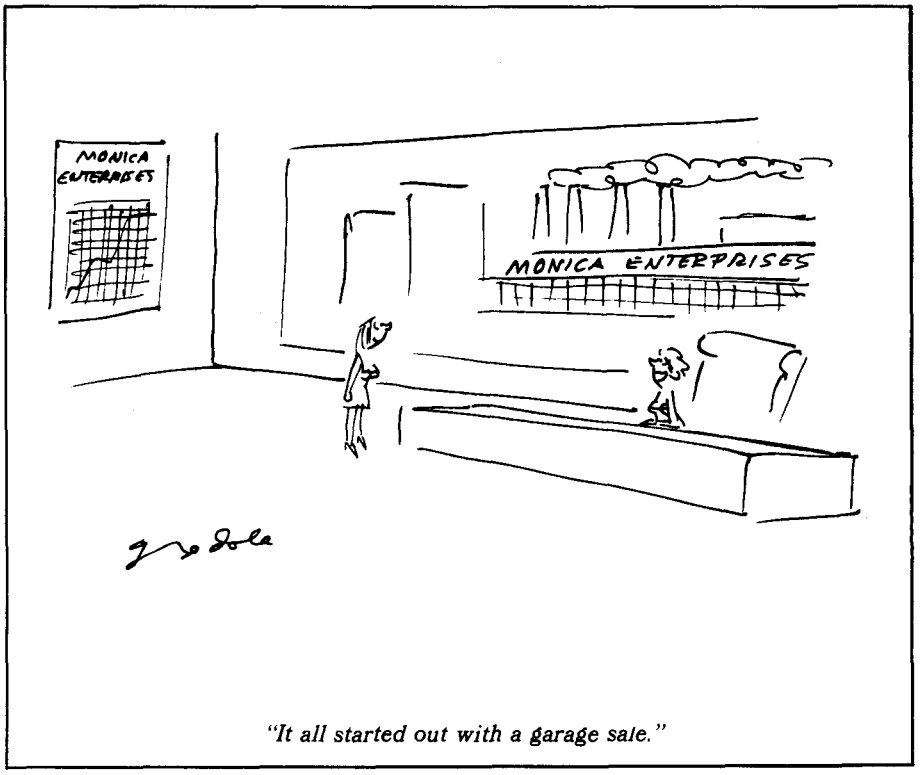
—*Mrs. A. Mayer*

Hairsplitting

Q. What is it when three rabbits in a row all take a step backward?

A. A receding hareline

—*Debbie Swartz*



"It all started out with a garage sale."

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Parasite

continued from page 81

Lindenhauser answered the telephone. Dr. Levy introduced himself and stated his problem. Lindenhauser was plainly flabbergasted. He said he was in excellent health and had been for months. His wife, who had accompanied him to the *Schlachtfest*, was also in good health. He had heard of no illness in the society. He couldn't believe that there had been anything wrong with that pork. It had been delicious. The pig had been obtained by two members of the society, George Muller and Hans Breit, both of whom lived in the Bronx. They had bought it from a farmer of their acquaintance in New Jersey. Lindenhauser went on to say that there had been 27 people at the feast, including himself and his wife. The names and addresses of the company were in his minute book. He fetched it to the phone and patiently read them off as Dr. Levy wrote them down. If he could be of any further help, he added as he prepared to hang up, just let him know, but he was convinced that Dr. Levy was wasting his time. At the moment, Dr. Levy was almost inclined to agree with him.

Dr. Levy spent an increasingly uneasy weekend. He was of two antagonistic minds. He refused to believe that Sauer's illness was not in some way related to the *Schlachtfest* of the Hindenburg Pleasure Society. On the other hand, it didn't seem possible that it was. Late Saturday afternoon, at his home, he received a call that increased his discouragement, if not his perplexity. It was from his office. Metropolitan Hospital had called to report that Herman Sauer was dead. Dr. Levy put down the receiver with the leaden realization that, good or bad, the *Schlachtfest* was now the only lead he would ever have.

On Monday, Dr. Levy buckled heavily down to the essential but unexhilarating task of determining the health of the 27 men and women who had attended the *Schlachtfest*. Although his attitude was halfhearted, his procedure was methodical, unhurried and objective. He called on and closely examined each of the guests, including the Lindenhausers, and from each procured a sample of blood for analysis in the Health Department laboratories. The job, necessarily involving a good deal of leg work and many evening visits, took him the better part of two weeks. He ended up, on April 30th, about equally reassured and stumped. His findings were provocative but contradictory. Of the 27 who had feasted together on the night of March 28, 25 were in what undeniably was their normal state of health. Two, just as surely, were not. The exceptions were George Muller and Hans Breit, the men who had provided the pig. Muller was at home and in bed, suffering sorely from what his family physician had uncertainly diagnosed as some sort of intestinal upheaval. Breit was in as bad a way, or worse, in Fordham Hospital. He had been admitted there for observation on April 10. Several diagnoses had been suggested, including rheumatic myocarditis, pleurisy and grippe, but none had been formally retained. The nature of the two men's trouble was no mystery to Dr. Levy. Both, as he was subsequently able to demonstrate, had trichinosis.

"You misspelled 'larceny' on your application."

On Friday morning, May 1, Dr. Levy returned to the Bronx for a more searching word with Muller. Owing to Muller's debilitated condition on the occasion of Dr. Levy's first visit, their talk had been brief and clinical in character. Muller, who was now up and shakily about, received him warmly. Since their meeting several days before, he said, he had been enlivening the tedious hours of illness with reflection. A question had occurred to him. Would it be possible, he inquired, to contract trichinosis from just a few nibbles of raw pork? It would, Dr. Levy told him. He also urged him to be more explicit. Thus encouraged, Muller displayed an unexpected gift for what appeared to be total recall. He leisurely recounted to Dr. Levy that he and Breit had bought the pig from a farmer who owned a place near Midvale, New Jersey. The farmer had killed and dressed the animal, and they had delivered the carcass to the Labor Temple kitchen on the evening of March 27. That, however, had been only part of their job. Not wishing to trouble the cook and his helpers, who were otherwise occupied, Muller and Breit had then set about preparing the sausage for the feast. They were both experienced amateur sausage makers, he said, and explained the process—grinding, maccrating and seasoning—in laborious detail. Dr. Levy began to fidget. Naturally, Muller presently went on, they had been obliged to sample their work. There was no other way to make sure that the meat was properly seasoned. He had taken perhaps two or three little nibbles. Breit, who had a heartier taste for raw pork, had probably eaten a trifle more. It was hard to believe, Muller said, that so little—just a pinch or two—could cause such misery. He had thought his head would split, and the pain in his legs had been almost beyond endurance. Dr. Levy returned him sympathetically to the night of March 27. They had finished with the sausage around midnight, Muller remembered. The cook had departed by then, but his helpers were still at work. There had been five of them. He didn't know their names, but he had seen all or most of them again the next night, during the feast. Neither he nor Breit had given them any of the sausage before they left. But it was possible, of course, since the refrigerator in which he and Breit had stored the meat was not, like some, equipped with a lock. . . .

Dr. Levy spent the rest of the morning in the Bronx. After lunch, he hopped over to Queens. From there, he made his way to Brooklyn. It was past four by the time he got back to his office. He was hot and gritty from a

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dozen subway journeys, and his legs ached from pounding pavements and stairs and hospital corridors, but he had tracked down and had a revealing chat with each of Sauer's kitchen colleagues, and his heart was light. Three of them—William Ritter, Rudolf Nath and Frederick Kreisler—were in hospitals. Ritter was at Fordham, Nath at Queens General and Kreisler at the Coney Island Hospital, not far from his home in Brooklyn. The fourth member of the group, Henry Kuhn, was sick in bed. All were veterans of numerous reasonable but incorrect diagnoses, all were in more discomfort than danger, and all were suffering from trichinosis. They had prowled the icebox after the departure of Muller and Breit, come upon the sausage meat and helped themselves. They thought it was hamburger.

Before settling down at his desk to compose the final installment of his report, Dr. Levy looked in on Dr. Greenberg. He wanted, among other things, to relieve him of the agony of suspense. Dr. Greenberg gave him a chair, a cigarette and an attentive ear. At the end of the travelogue, he groaned. "Didn't they even bother to cook it?" he asked.

"Yes, most of them did," Dr. Levy said. "They made it up into patties and fried them. Kuhn cooked his fairly well. A few minutes, at least. The others liked theirs rare. All except Sauer. He ate his raw."

"Oh," Dr. Greenberg said.

"Also," Dr. Levy added, "he ate two." ✖

Assemblies

continued from page 73

Sunday, another the rest of the week.

After viewing Pat Robertson's "700 Club" television talk show in 1975, she called and discussed her problems with one of the show's counselors. As a result, she says, she began reading the Bible and finally turned to Christ, becoming a true believer for the first time. She next asked Robertson's people: "Do you know of any churches near me that believe the way you do?" Back came a list of three.

The first church she visited was Annandale (Virginia) Assembly of God, and she has been attending there ever since. Her husband began attending a few weeks later, and one night he walked to the altar and prayed to receive Christ.

"What impressed me immediately at

Continued on following page

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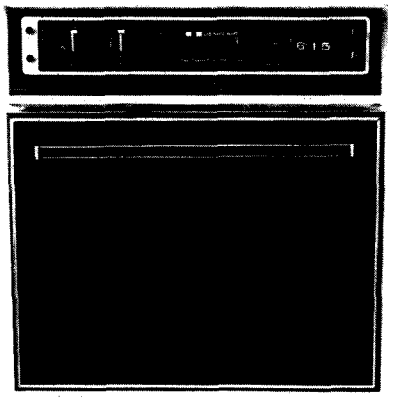

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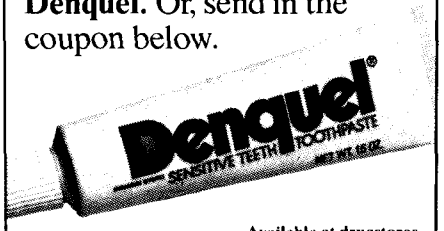

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Assemblies

continued from page 85

the church was the friendliness of the people," she recalls. "They were warm and happy and loving, they cared about me, and they talked openly about spiritual things."

"Our growth is mostly a case of people bringing other people," comments Pastor Wendell Cover. "They're interested in the Bible. If you stick to Bible preaching, you'll get an audience."

What's true in Annandale is also true in Irwin, Pennsylvania, notes Judy Diehl of Calvary Assembly there. Under the preaching of Pastor David Hardt, the church—organized 10 years ago—already attracts nearly 900, and it's still growing. "People are really hungry for God's Word today," affirms Mrs. Diehl, adding that when local visitors come to Calvary, they usually stay. The reasons she lists are the same ones that are heard in many of the most thriving Assemblies of God churches: friendliness and a concern that extends beyond a handshake at the door; a family-oriented ministry in the hands of competent staff; strong preaching, good music, audience participation in the services, a quality Christian-education program; and, among the faithful, an overt readiness to take God at his word.

To engage in evangelism, worship and nurture is the threefold purpose the A/G has set for itself. Accordingly, a large percentage of new A/G members are converts from unchurched backgrounds, for just about every Assemblies of God congregation sees evangelism as a top priority. A huge influx has also come from the Pentecostal-like charismatic movement that swept through formal Protestant and Roman Catholic ranks in the late 1960s and most of the last decade. These charismatic transplants helped the Assemblies of God gain a wider beachhead in Middle America, and their fresh perspectives of the presence and power of the Holy Spirit stirred many A/G congregations to new life. Services in many of the larger A/G churches reflect charismatic styles. From their Assemblies of God brethren, the charismatics gained stability and direction.

The evangelism priority is at the heart of both the foreign and home missionary work of the Assemblies of God. Its overseas missionaries tend to be evangelists bringing new churches into existence and promptly placing them into the hands of local leaders.

The largest Assemblies of God constituency is in Brazil; more than six million strong in nearly 60,000 churches and outstations. Growth is so rapid that leaders can't be trained fast enough. Some 10,000 students are enrolled in the A/G's 23 Brazilian Bible schools. Meanwhile, 30,000 pastors and pastoral trainees are taking crash courses in an extension study program.

Assemblies of God leaders in war-torn El Salvador report that the churches are crowded. The national crisis apparently is causing multitudes to seek God. There are 700 A/G churches and 5,500 other meeting places, with an inclusive membership of 140,000. Fifty-two of the churches are in the troubled capital; one of them ministers to 16,000.

"You're not going to believe tomorrow's forecast...."

An Assemblies of God church in Seoul, Korea, has the largest congregation in the world, claiming 200,000 members—up from 130,000 just two years ago. (Up to 30,000 attend each of six Sunday services.)

Canadian Assemblies of God missionary Mark Buntain feeds 11,000 destitute people daily in Calcutta. He has built schools (enrollment, 5,000), hospitals and clinics, along with a large church and 45 satellite congregations. The people call him "St. Mark of Calcutta."

In more than 100 countries, Assemblies of God members are serving God and man, and their churches are constantly multiplying and reaching out. In addition to clinics and hospitals, there are feeding centers, day schools, Teen Challenge centers for troubled youth, prison work, educational and literature ministries, radio and television programs and much more. The Assemblies of God accredited International Correspondence Institute, based in Brussels and with offices in 97 countries, offers evangelism and Christian education courses in 51 languages to students in 132 countries; three million are enrolled. Another 4,000 are enrolled in the institute's college division.

Presiding over the A/G's sprawling glass and turquoise-paneled nerve center in Springfield, Missouri, is Thomas F. Zimmerman, 70, general superintendent of the Assemblies of God since 1960. Before becoming an A/G clergyman in 1933, he took a B.S. in engineering from Indiana University. More than any other individual, Zimmerman was responsible for bringing the Assemblies of God from isolation into acceptance and respectability within the fold of evangelical Christianity. He has been a key leader of the National Association of Evangelicals, a body representing dozens of denominations and hundreds of other religious organizations, almost from its inception in the 1940s—even serving as its president for a time.

Internally, Zimmerman has had to soothe and reassure Assemblies of God traditionalists who are uneasy about the A/G's modern emphasis on higher education and its close cooperation with other Christian bodies, or who worry that headquarters has become too powerful. They don't want to see the Assemblies of God lose its historic distinctives. Zimmerman says he is working as hard as anyone to safeguard the church's positions. Yet he views the schools, the headquarters and the A/G's associations with other Christians as assets, not liabilities, as the A/G churches tool up for the future.

"One of the biggest challenges we face," he explains, "is how to gain full advantage of any dynamic that would grow out of our upward mobility, while at the same time never losing touch with the common people."

The torch of leadership will soon pass to younger hands in the Assemblies of God. If the past is prologue, a greater chapter in A/G history is just ahead.

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ADVERTISEMENT

Is Lower Back Pain Making You An On-Again, Off-Again Cripple?

by Eugene Griffin

Read how one man freed himself from this crippling pain.

It happened aboard a Lufthansa flight to Frankfurt, Germany where I was going for a business meeting. The plane hit an air pocket and suddenly my back "went out."

If you've ever suffered from lower back pain, you know what this can mean. In my case, the stewardess *had to lead me off the plane* when we landed. "This is the first time this has happened?" she asked. When I told her no, she said:

"Oh, then you should have a Prosana Belt." She then told me she had lower back trouble, too, and without the Prosana Belt, she didn't think she could hold her job. "It practically saved my life!" she went on.

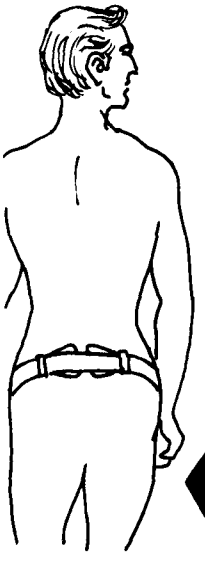
I'll be sure to get one, I told her. But what I was really thinking was how could a belt that helped her—a woman about 110 pounds—help a slightly overweight guy of six feet like me? Besides, I thought, I've tried practically everything short of an operation. So I went to my hotel room, took a hot bath, several aspirin and laid down for the night hoping for the best.

Couldn't get out of bed

The next morning the pain was worse than I could ever remember. *I had to roll out of bed onto my knees and crawl to a doorknob to get to my feet.* Again, I took a hot bath and some aspirin, but again, it didn't do much good. If I had been back home, I would have called and canceled the meeting. But here I was in Germany and scheduled for a meeting with five other businessmen *I* had set up. So there was nothing I could do but go through with it.

Lunch Included, Too!

The pain must have been apparent the moment I walked into the room because the first man I met smiled sympathetically and said, "You look like your back is bothering you." It is, I answered. "Haven't you heard of the Prosana Belt? he asked. I nodded yes. "And you don't *have* one?" he persisted. No, I said, continuing around the room, anxious only to get the meeting over with and go back home.



After the meeting, the man who asked me about the Prosana Belt suggested I join him for lunch. Since he was the key man on the deal, I accepted. But instead of driving me to the restaurant, he took me first to a surgical supply store where he bought me a Prosana Belt. I had no other choice but to put it on right there, though all I could think of after thanking him was to say, Is that it?

"That's it," he replied. " Now let us take a little walk to a nearby restaurant I know you'll enjoy."

The Most Amazing Walk Of My Life

If I had known the "little walk" was going to take almost a half hour, I never would have gone—business deal or no. But that was all part of his plan! Because by the time we reached the restaurant, *my pain was gone!* I even reached down and touched my shoelaces just to see if I wasn't imagining things. I can't believe it, I said. It's like a miracle. "Yes, I know," he answered, "I said the same thing when I first wore the Prosana Belt. Occasionally," he added, "I still say it, although any troublesome condition or pain that persists should be brought to the attention of your doctor."

Tested & Proved In Hospitals

Over lunch my friend proceeded to tell me about the Prosana Belt. How it was invented by a doctor, tested and proved in hospitals and clinics; even on people so crippled with lower back pain, they had to wear steel braces! How it was, and is, used throughout Europe by tennis champions, Olympic bobsled medalists, soccer players—by all kinds of people who are constantly putting incredible strains and stresses on their backs. In fact, he concluded, its effectiveness has been so proven, *its purchase is included under Germany's national health coverage plan.*

Save $14.00! Special Free Trial Offer!

When I returned home, I told all my friends with bad backs about this marvelous belt. But when they tried to buy one, they found no one in the United States had even heard of it! So, I called my friend in Germany (incidentally, I got that order) and told him I'd like to import some Prosana Belts. He told me the cost of one *in Germany* was $44.00 in American money. Since I would have shipping costs, taxes, handling and so forth, I decided to see if I could make a special bulk importing deal with the manufacturer. And, I'm happy to add, I was able to. Yes, you can now try the Prosana Belt for only $29.95—$14.00 less than what you would pay in Germany. What's more...

You Can Prove Its Effectiveness To Yourself Risk-Free For 30 Days!

If you suffer lower back pain like me, you've probably tried every "cure" there is and so you're probably skeptical. Which is why I'm making this iron-clad, no-risk guarantee: If you're not convinced that the Prosana Belt relieves your lower back pain fast...that it works where other methods and devices have failed...that it lets you bend over, garden, do household chores, even play sports *pain-free*, I'll return your money *in full.*

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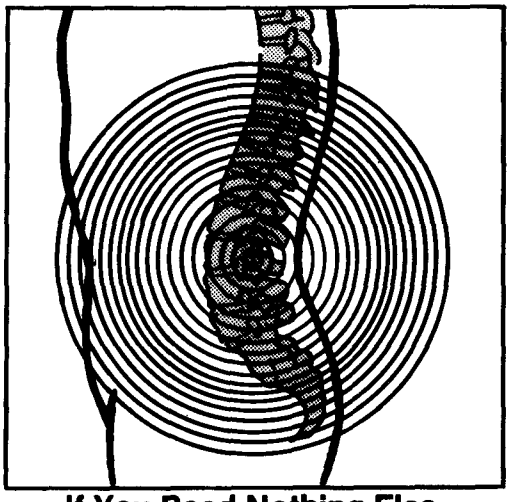

If You Read Nothing Else Read This Doctor's Report:

"I've turned from my initial skepticism, indeed rejection of the Prosana belt, to an eager proponent of it. I now have checked more than 40 cases from my practice and after studying a file with more than 100 statements, I have no doubts about the effectiveness of the belt." Dr. Ludwig Hecht

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"I suffered from severe back pain caused by tennis, and since I did not want to take any medication, I have begun to wear your belt. It is hard to believe how quickly I have got rid of my back pain." Mr. D. Sturdza, Swiss Tennis Champion

"Often I could tolerate the pain only with strong medication. The Prosana Belt has freed me from taking pills." Mrs. F. Polenz, Housewife

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Pete Rose

continued from page 65

displays while leaping headfirst for an extra base, Rose felt a pain shoot through him. "Just like it happened yesterday, I can remember it," he says. "I remember the shot that I went for, I remember the pain—I remember the whole thing."

When someone suggests that he should perhaps take it easy, Rose bristles. "What you have to understand is that I got this injury preparing for Cobb," he snaps. "I got this injury because I played tennis to stay in shape during the wintertime. It wasn't because I was bending over to pick up the garbage or something like that. I was all warmed up, and it was the fifth time I played that week. What I do all winter has an effect on what I do in June, July, August and September.

"I *was* careful, I *am* careful," Rose says. "But it's too late to be conservative. All the headfirst slides I do could break my hand, too."

Obviously a nerve has been touched. Rose jerks on his pants and stands up, looking even more bull-torsoed than before. "I've been hurt before, but I played hurt. I played a few years ago with a broken toe. I got 210 hits another year with a broken thumb. When is the last time that a guy 40 played every game and almost led the league in hitting?"

He waits for a response, but none is forthcoming. Ted Williams, back in 1958, was 40 years old when he captured the American League crown with a .328 mark, but he barely qualified for that honor with a minimum 411 at bats.

"You guys can call me an egomaniac," Rose continues, "but I need to make certain goals to keep going. I could stumble and still hit .250. That's just a hit every night."

Talk turns to the forthcoming season and Rose's assault on Henry Aaron's National League hit record. "Not too many guys get more at bats than I do," says Rose, making a mental calculation. "Let's see, I need 74 hits to tie? Ideally, I'd like to do that in 60 to 65 games. That means I'd bat between .305 and .325. It would be good to pass Henry quickly. That means next year maybe I'll pass 4,000 hits. I need a stepping stone every day (to get me up)."

The 1982 Phillies, gathered here in the clubhouse, are all somewhat fearful of failing reflexes. Man for man, they are a much older ball team than their closest divisional rivals, the Gary Carter-led Montreal Expos. The team, essentially, except for the loss of taskmaster manager Dallas Green, who defected to the Chicago Cubs, is the same club that finished first back in 1980, that went on to trim George Brett's Kansas City Royals in six games. Among those major league "senior citizens" on the roster born before 1951 are National League Most Valuable Player Mike Schmidt at third, 37-year-old reliever Sparky Lyle, ebullient 37-year-old reliever Tug McGraw, 39-year-old hurler Ron Reed, slick-fielding second-baseman Manny Trillo, 37-year-old pinch-hitter Del Unser, pitcher Ed Farmer (a White Sox acquisition) and outfielders Garry Maddox and Gary Matthews. None of these veterans seems ready for last rites yet.

Rose, in particular, looks fit even with his back miseries. "Taking off a game now and then like the second game of a doubleheader is for *old* men," he snorts. His secret for staying in shape is simply running, day after day. "I know a lot of guys go down to the gym and use Nautilus equipment or lift weights, but it's too late for me to begin now."

Rose is certainly loyal to Philadelphia, but he learned a hard lesson about the limits of loyalty at the end of the 1978 season. After an incredible season, which saw him set a National League record for hitting in 44 consecutive games, the Cincinnati Reds hardly made a serious offer to keep him. Up to that point, Rose's fidelity to Cincinnati had been almost fanatic. It was, after all, his hometown. He was born there, carried a water bucket for his dad, who played semi-pro football there, and learned how to switch-hit in the town's Knot Hole League at age nine. In fact, the saying back then was: "Cincinnati-born, Cincinnati-bred, and when he dies, he'll be Cincinnati-dead." That rookie year he wore out veteran players with the enthusiastic, hell-for-leather play that earned him the sobriquet of "Charlie Hustle." His bitterness aimed toward Cincinnati's front office is apparent when a reporter tells Rose that a Phillies front-office type called him the "best bargain they ever had." Without a pause, Rose snaps back: "If I was a bargain for them, I must have been a damn steal for the Reds."

Rose's only complaint about Philadelphia is the extended spring training. He points to his own trim stomach and those of the stripped athletes around him to make his point that athletes today are always in shape. "I think guys burn themselves out by September," he says. "I'm in shape before I get to spring training. I don't get sore muscles or nothin' like that. It would be interesting to see how teams do that come [to training] early versus those that come late. Owners complain

Continued on page 118

"Which of you is the one with the bubonic plague?"

Collectibles Quiz

(Answers from page 36)

1. Campbell's Museum in Camden, New Jersey.
2. Norman Rockwell's "Bringing Home the Christmas Tree."
3. Stamps.
4. Robert Goulet.
5. Debbie Reynolds.
6. Manuscripts and scientific instruments
7. Hearts.
8. Cufflinks.
9. Mufflers, neckties.
10. Chinese antiques, especially Lowestoft china.

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CARBURETOR GETS 200 MPG!

BY R.C. WEBSTER

WASHINGTON—Establishment of a new world record for fuel economy—an incredible 1,368 miles per gallon achieved in the Shell Motor Mileage Marathon by a special three-wheel vehicle with 90cc engine—has touched off a stampede among car manufacturers and tinkerers to drastically increase the gas mileage of cars.

They are attempting to achieve this by means of the Pogue Carburetor, a device which the Ford Motor Co. has shown can deliver over 200 mpg to an ordinary sedan. This gas-miserly carburetor has never been mass-produced.

The Pogue is covered by several patents issued by the U.S. Patent Office here, but a recent book asserts that the patents are invalid, that anyone can now build the Pogue without legal restraint.

As a result, vendors, parts manufacturers and entrepreneurs are racing to mass-produce this peerless fuel conserver.

The book, *Secrets of the 200 MPG Carburetor,* contains full details, instructions and diagrams on how to construct the Pogue. It states that anyone can build the carburetor, even in a home workshop. Copies are available from Premier Distributing, Suite 2600-SE, Old General Motors Building, 1775 Broadway, New York, N.Y. 10019, at $4.95 (plus $1 postage-handling; total, $5.95).

The Pogue Carburetor is named for its inventor, Charles N. Pogue, now 81 and ailing in a Winnipeg, Manitoba, nursing home. Pogue is making no attempt to prevent others from producing and marketing his invention.

205 MPG

The Ford Motor Co. of Canada, in a test documented in *Secrets of the 200 MPG Carburetor,* proved that the Pogue Carburetor does indeed achieve a remarkable 25.7 miles per *pint*—or 205 miles per gallon.

Allan Wallace, author of *Secrets of the 200 MPG Carburetor,* says the Pogue's gas mileage is not all that remarkable.

He contends that others have invented carburetors with exceptionally high gas mileages, too, but that the American people have been kept in the dark about them by the oil companies in order to preserve gas sales.

To support his assertion, Wallace documents several instances of stupendous gas mileages, including 84 mpg achieved by Ralph Moody Jr. of Oak Hill, Fla., with a Ford Capri, and 100 mpg by Thomas W. Ogle of El Paso, Texas, with a Ford Galaxie.

Wallace says he has amassed enough case histories "to fill a set of volumes the size of an entire encyclopedia." He includes construction details for the most interesting and feasible systems in his book.

"I feel the public has a right to know how to produce its own high-mileage systems," he says. "If enough people are tooling around in 100-mpg cars, the auto and oil industries will have no choice but to offer fuel-efficient carburetors in all production models."

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Wallace says the average car burns only 20 percent of the fuel it consumes. The rest is lost, unburned, and is emitted through the tailpipe to pollute the atmosphere.

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"The carburetor of today is little changed from what it was 50 years ago," he says. "I'm hoping that my book will spur a change—to the benefit of the nation, the ecology, and the consumer."

To obtain a copy, readers of this magazine need merely send their name and address with $4.95 (plus $1 postage-handling; total, $5.95) to Premier Distributing, Suite 2600-SE, Old General Motors Building, 1775 Broadway, New York, N.Y. 10019.

This book is sold with a guarantee of satisfaction or your money back, and is most enthusiastically recommended.

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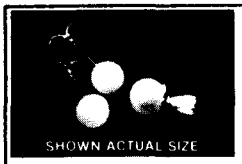

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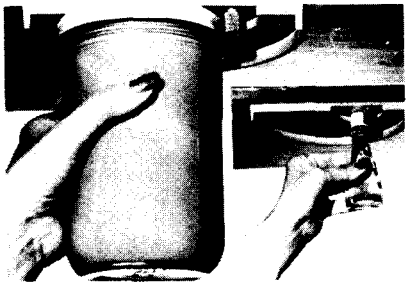

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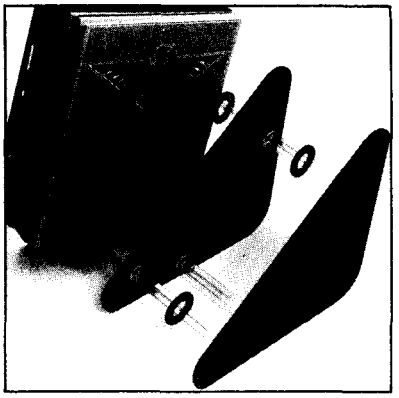

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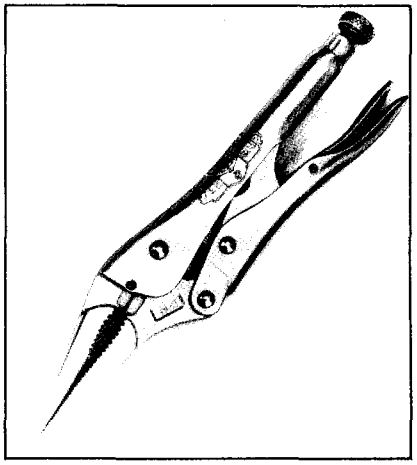

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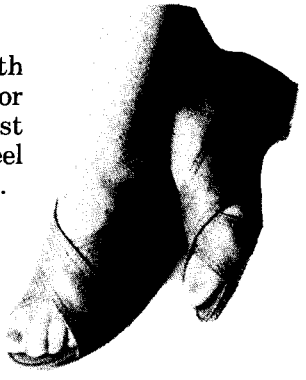

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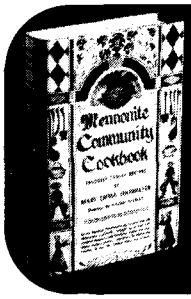

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ent packagers of the low-cost item."

Herpes is an insidious and wiley virus that hides in the nerve cells and emerges when the body's defenses are down. But it does have one known weakness—it can't replicate without an amino acid called arginine. Dr. Christopher Kagan had learned that the herpes virus grows very well in a test tube when it is supplied with arginine. Conversely, lysine inhibits the growth of the virus in the laboratory. These laboratory results suggested to Dr. Kagan that lysine might be used to control herpes in people. In the first tests on herpes patients it was found that fairly low doses of lysine added to the daily diet (312 mg. to 1,200 mg.) suppressed recurrence of and speeded up recovery from genital-herpes infection.

Soon after that, Dr. Richard Griffith noticed that herpes infections increased at Easter and Christmas. He also realized that chocolate has twice as much arginine as lysine. It appears that a lot of arginine in the diet could help bring on an attack. Dr. Kagan said that some people are so sensitive to extra arginine in their diet that a few nuts added to a salad can trigger an attack. Some nuts have many times as much arginine as lysine, so this is understandable.

Dr. Griffith and his dermatologist colleagues began finding that people who eat a lot of arginine-rich foods (seeds, nuts and chocolate) need more lysine to control their herpes than people who use more milk and other lysine-rich foods.

The physicians scattered throughout the country who now use lysine have reported some very positive and exciting results. Most of them use 1,500 to 3,000 mg. of L-lysine supplement a day (in three doses). To prevent recurrences, they sometimes use as little as 500 mg. of lysine per day. In addition, all of the physicians with whom we spoke insisted that decreasing the intake of arginine was equally important in creating a bad environment for the herpes virus.

I asked Dr. Griffith, "What about pregnant women? Can they take lysine without danger to the fetus?" I asked him if he was worried about side effects with lysine and pregnant women. "No," he said, laughing, "except for one very pertinent side effect that I encountered in one of my patients." He told of his daughter, who repeatedly had facial herpes. "In high school, she was plagued with 'zitlike' breakouts that occurred in stress, and we had used all sorts of treatments in her case. And then lysine came along, and that was my first case. When she stopped using lysine, she started getting the lesions around her chin again. So she is still taking it almost continually, and the side effect she had was that her last child turned out to be twins. So," he said, amused, "I have to caution people about taking lysine during pregnancy because they might wind up having twins."

"The sad part about it is that lysine is a safe substance. It is just an amino acid. It is not going to hurt anybody," said Dr. Kagan.

Dr. Griffith, who has worked with herpes since 1974, said he and his colleagues have screened several hundred patients and have found that lysine prevents recurrence of genital as well as oral herpes. "In fact," he explained, "I think it works better on genital than on labial. It is hard to evaluate, because usually the genital herpes is more extensive than the facial herpes. The blisters seem to stop, and pain stops almost immediately, as compared to the facial; but there again, it may be the relationship to the sensitivity to pain in the area around the lip, which is a fairly sensitive area."

Dr. Griffith said the relief of pain is the thing that is most dramatic. "Patients start lysine, and the thing they remark about is that they forgot they had the lesion in a matter of hours. The pain is gone. When we treat infectious mono and shingles with lysine, dramatic results are shown," he continued. "Infectious mono has been treated so dramatically with lysine, it is sad that the treatment hasn't been used throughout the country." Many people with whom Dr. Griffith spoke exclaimed that lysine relieved their pain almost overnight.

"The doctor of the last patient that I had with shingles," Dr. Griffith explained, "had him on Tylenol with codeine, aspirin and a sedative at night, and he was losing sleep. He stated he would sleep 15 or 20 minutes and that the pain would wake him up. He went two or three nights like that. One of his relatives had heard about the work we had been doing, so he called and asked about it, and I told him to pick up some lysine. 'It can't hurt you,' I said. 'Let me know how you get along.' Well, he called back the next day and said that he had had about three hours sleep that night, which was more than he had had for a long time. The following day he called me and reported that he had slept all night. I told him to try stopping his other pain-killing medicines and see how he got along, and he said he dropped his medications, had no more pain and had a full-night's sleep."

Dr. Griffith stressed that the arginine intake must be decreased when lysine is ingested, because arginine enhances the growth of the herpes virus. But he explained that it is easy to restrict arginine by not eating chocolate, nuts, peanut butter, jello and other high-arginine-containing foods.

"We don't usually restrict the cereals. We start in with nuts and chocolate," said Dr. Griffith. "Then, when we run into individuals who, with that restriction and while using large amounts of lysine (4 to 6 grams per day), still have some recurrence, we start eliminating other foods, such as cereals. Corn is the worst because it has little or no lysine."

"Your patient teaches you things," said Dr. Griffith. "I had a fellow at Walter Reed whose wife had been plagued with herpes on the right arm and shoulder. When we got her dosage of lysine worked out and her diet restricted, she improved remarkably, except when she would have some stressful situation, and it would break through again. She was markedly improved, but not completely free of it, and her husband was the sort of individual who did his research. He went down to the Walter Reed Li-

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L-lysine with Low-Arginine Diet

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2. Have you ever taken L-lysine for a herpes infection? _____
3. How much L-lysine did you take each day? (total milligrams per day) _____
4. Did you eat a low-arginine diet (no chocolate, nuts, peanut butter, jello, etc.) while you were taking L-lysine? _____
5. How long did you take L-lysine? _____
6. Were you started on L-lysine by your doctor? _____
7. Did you take L-lysine to prevent recurrence or just when you had an infection? _____
8. How much L-lysine per day did you take to prevent recurrence? _____
9. Do you still take L-lysine to prevent a herpes attack? _____
10. Do you normally eat or drink chocolate? ____ peanuts? ____ nuts? ____ jello? ____ coke? ____ coffee? ____
11. How quickly did the pain of the herpes infection disappear? _____
12. Did you ever get another herpes attack while you were on L-lysine and the low-arginine diet? _____
13. Did you ever have a recurrence of a herpes attack while you were taking L-lysine without observing a low-arginine diet? _____
14. Did you take L-lysine for genital herpes? ____ for oral herpes? ____ for facial herpes? ____ for shingles? ____ for mononucleosis? ____
15. Are you sure that you were taking L-lysine as opposed to regular lysine? _____
16. Are you taking birth-control pills? _____
17. Would you be willing to report your results to us if you should use L-lysine for herpes in the near future? If you wish to remain anonymous, omit your name. _____
18. I would like to order your booklet containing further information on herpes. I enclose $2.00. _____

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brary and started looking up the foods that have arginine and lysine in them. I had not been able to get information about the amount of arginine in a lot of foods because arginine is not an essential amino acid. It is not studied like the essential ones. He informed me that jello has arginine in it. And I said, it might have, but it is mostly water, so I'm not really concerned. But he said, 'You haven't done your homework.' He was a colonel in the military, and so he said, 'You look it up.' So I did and found that it comes from a collagen that is high in arginine. His wife was cooking a cardiac diet for him, and one of the things on the diet was jello; she was eating one-quarter of a package of jello every time she made his diet. So they dropped that out, and the lesions all disappeared. He called me and said, 'I told you so.' So you learn a lot from your patients."

Dr. Griffith then told me about the day Dr. Kagan first came from California to Indianapolis to talk about working on lysine.

"Dr. Kagan had run across a case of ideopathic steatorrhea (chronic diarrhea). He was required to take pictures in radiology. This man had had it some 30-odd years, Dr. Kagan said, and he had herpes around the mouth. He was going to have to swallow barium, and the fellow said, 'I'm not sure that I can get it down because of the soreness in my mouth.' He got it down, and Dr. Kagan said, 'When you are through here, go out and buy some lysine and get rid of that herpes.' The fellow came back in about a week or so, walking on air. He said, 'You will not believe this, but my steatorrhea has completely disappeared, and I have gained five pounds.' I don't know if it was the elimination of the steatorrhea or the elimination of the herpes that allowed him to eat, but this was the reason Dr. Kagan called me to see about beginning a research project."

I then called Dr. Kagan, who is now a radiologist in California and whose work had appeared in *Dermatologia.* He told me that they were testing lysine on viruses with DNA structures similar to genital herpes, such as chicken pox, mononucleosis and other conditions, and that the results with mono had been very dramatic. He explained, "We certainly haven't published that yet because we don't have enough data; but it would appear that this is probably not specific only to herpes simplex but may have a wider application once we get more data." Dr. Kagan reported one case of a fellow who had such a bad case of herpes zoster that the dermatologist threw up his hands, saying, "You have to stay in bed for three weeks." And three to five days later, on high doses of lysine, it cleared up. That was eight grams a day—given three or four times a day. "I didn't manage him, but I do hear about cases all the time with severe zoster clearing up."

Since Dr. Norins, as chairman of the dermatology department of a large medical school, has seen and treated many patients since 1974, when Dr. Kagan first visited his department, I asked him if he could give me a rough estimate of the percentage of his successes.

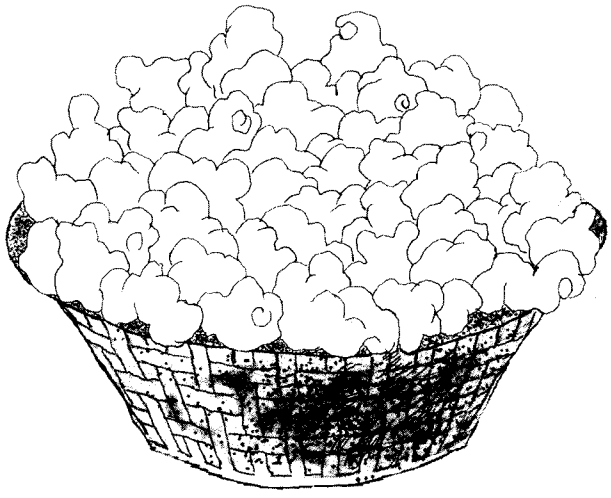
"I believe 90 percent would be accurate," he told me. "The other ten percent, people who were having the most severe problems, had not been helped." Because he sees referrals from around the state, his traffic in severe cases is, of course, quite heavy.

Since lysine is an amino acid found in many foods, I then asked him if he saw any problem in people getting it in powder form instead of pills. They could then, if they preferred, simply add it to their recipes to supplement the lysine content of low-lysine or high-arginine dishes. Dr. Norins said he saw no reason why this couldn't be done. In other words, the exact milligrams were not so strategic, since one could consume, give or take, 2,000 mg. of lysine by drinking a few glasses of milk and eating a generous serving of fish.

All of the physicians who have shown success with lysine have been disappointed that no good research projects have been funded.

Most of the failures came when the patients did not use an adequate amount of lysine. They felt some of these failures possibly occurred because the patient bought a preparation of lysine instead of L-lysine. They would then be getting a less-potent mixture of L-lysine and D-lysine; D-lysine is ineffective against herpes.

"The sad part about it from my point of view is that lysine is a *safe* substance," said Dr. Kagan. "It is just an amino acid. It is not going to hurt anybody. And the *in vitro* (test tube) work is dramatic. The first work was done in 1950, showing that it is effective. The *in vitro* work in the biochemical and basic science literature went on through the '50s and '60s, and there's all this data and 30 or 40 papers showing that herpes is in-



Popcorn has a high arginine/lysine ratio, but those susceptible to herpes can still enjoy it. By generously sprinkling on Red Star Brewer's Yeast, the arginine is neutralized because one tablespoon of brewer's yeast contains 190 mg. more lysine than arginine. For those who don't have any herpes susceptibility, it's a tasty way to avoid using salt. The popcorn takes on a delicious cheesy flavor, and you'll never miss the salt.

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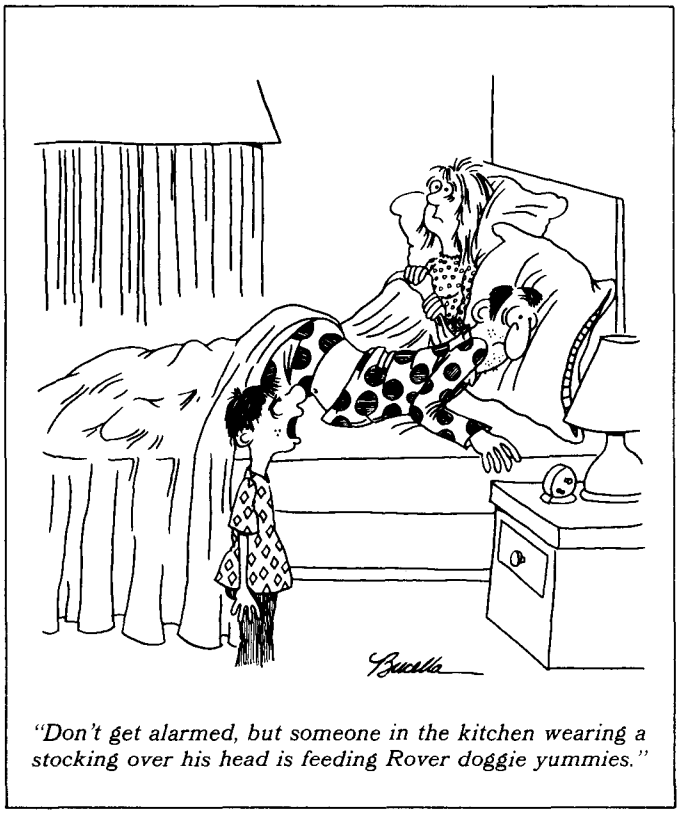
hibited by lysine and that arginine stimulates it. They broke it down with electrophoresis, and they figured out what proteins in the virus are affected and at what points; they know exactly which proteins are involved, the time sequence and where in the sequence the lysine works. It's all known, and nobody ever tried this until I did. And I did it because I read all of these papers.

"One reason why L-lysine is slow to be accepted, if you think about it," Dr. Kagan added, "is because an orally effective antiviral agent has not been heard of before. And here is one right in front of our noses. It takes a change in one's thought patterns even to begin to accept it."

Dr. Barbara North, who reported success in treating various kinds of herpes with lysine and the low-arginine diet, prepared the chart on page 29, and she obtained permission for us to interview one of her genital-herpes patients who had gone on lysine about six months ago. The patient was glad to share her experience, which follows: "I contracted genital herpes ten years ago when I was very young—16 and in love. I was treated at first with silver nitrate, gamma globulin, smallpox vaccine, soda baths and many things, without success. In the years that followed, I had other attacks, about every four months.

"My doctor really didn't know what to do at the time, and he was actually studying it because it was a new epidemic. Nothing helped. It was really painful, and the attacks began coming every month. I became depressed. The experience is probably a little bit like cancer but to a lesser degree, because you experience such a feeling of helplessness when you think you've finally gotten over it and then another flare-up would come back. It was a feeling that herpes *had me*—that I couldn't control it. It was upsetting to have to share with someone that you have venereal disease. Once into an attack you can't let a lover get near you. The stress of always wanting to avoid having an attack, to feel stressful about having an attack, can bring on more attacks.

"When I started taking lysine, I started taking the wrong kind. I took plain lysine instead of L-lysine. And it didn't work. It wasn't as effective, and I wasn't having any change. Even though I had the mental relief because I expected it would help, it wasn't creating any improvement. And the minute I started on L-lysine and gave myself a couple weeks, I noticed a definite difference. No longer did my herpes have to break the skin. It really, really did help. So I know it's not just a placebo. There's a definite connection. I don't think it stops the attacks all the time, but I definitely think it diminishes the pain and the length of the attack. Lysine gives you control. You feel you can do something about your herpes. I feel sorry that there are many older people who have suffered with herpes for a very long time who aren't being told about lysine," she concluded.



"Don't get alarmed, but someone in the kitchen wearing a stocking over his head is feeding Rover doggie yummies."

It appears that research funds for the purpose of studying homely, ordinary substances, such as lysine, are in short supply from major pharmaceutical houses. They argue, with some justice, that they must devote considerable attention to the unrewarding public service of providing drugs for rare diseases, which do not have much merchandising potential. In view of the cost of producing such rare therapies for a very small number of cases, the major houses feel justified in leaving the differential study and provision of ordinary substances, such as lysine, to ordinary suppliers.

Getting the word out about lysine, when there is no budget in pharmaceutical companies to send salesmen around the country or to call doctors or to attend medical conventions, is the real challenge. There is no budget available to set up large grants that could be given to pharmacology departments in medical schools with which to set up experiments.

Who will champion the cause? Who will set up good, double-blind studies to test lysine?

When Benjamin Franklin was faced with a similar problem in the colonies, he used his publication and the U.S. Post Office—which he also founded—to spread the word that smallpox vaccine, made from cow serum, was safe to use. He got input from the rural colonists and printed their observations. The *Post* should do no less. If herpes sufferers will answer the questions listed on page 93, anonymously or otherwise, we will conduct an epidemiological study that may informally advance our knowledge while we wait for objective, controlled research which would cause more physicians to try lysine.

For a booklet containing further information on herpes, please send $2.00 to Herpes Research, Box 567, Indianapolis, IN 46202.

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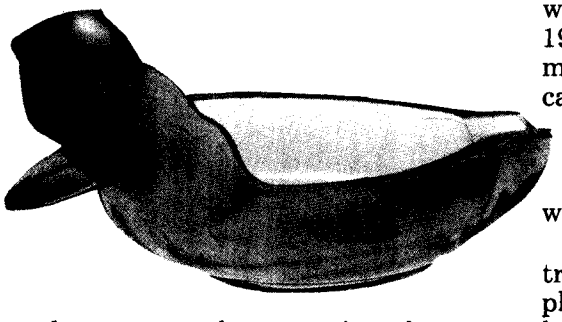
ANTIQUE SHOPPE

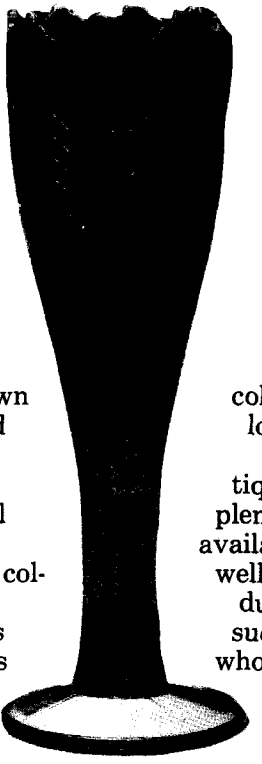
On the hot sands of Egypt, Syria or Babylonia, some 4,000 years ago, it is believed that the creation of glass began. This much we know: Since that time, mankind, little by little, has added to the glassmaker's art, until it has become a source of beauty to be treasured by all.

Although the collecting of



glassware can be expensive, the collector of modest means is happily discovering that he needn't be wealthy to add to his collection. The fashionable glassware that receives the most publicity commands, of course, the highest prices. But there is plenty of less-fashionable glass that the collector can buy without having to take out a mortgage on his home.

Collectors not up to investing in, say, Steuben glass or limited editions, can be especially optimistic about Depression glass. Although prices have increased in the past several years, it is not too late to gamble on the future of this originally inexpensive and mass-produced glassware. It still remains available—generally, at the lowest collectible prices. Made in the Depression years—from the 1920s to the collectors' cut-off date of 1940—it is pressed of blown glass and looks heavy and chunky, with only the names being fancy: Raindrops, Queen Mary, Royal Lace, etc.



Confusing to beginning collectors of early American glass are Depression-glass versions of sandwich-glass patterns. Between 1934 and 1938, Hocking Glass created its "Colonel Pattern"—a takeoff on the early American pressed-glass "Knife-and-Fork" pattern. Another creation was the Indiana Glass Company's sandwich pattern, made between 1932 and 1937. The glass was molded and mold-etched. It came in clear colors of black, red, blue and opalescent white, but the most commonly used colors were green, pink and yellow.

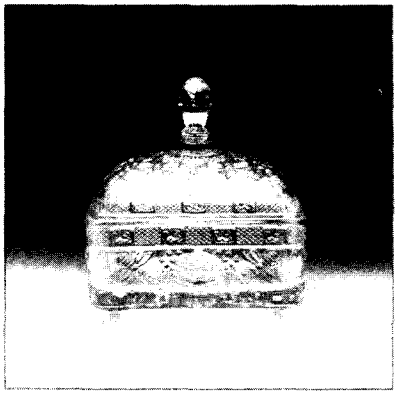
For all its availability, the trick today is acquiring a complete set of dinner, luncheon or breakfast pieces—a feat that is usually performed only by running into a full box of it in someone's attic.

Because this period saw the game of bridge reach its peak popularity, many accessories for bridge parties were made in Depression glass. A five-piece bridge set included four tumblers and a four-compartment, handled tray.

Color itself will affect the price of a set of Depression glassware. In the Florentine No. 1 "Poppy" by the Hazel Atlas Glass Company, for example, the green or yellow creamer may be bought for $1.50, but in the color pink, the price will be closer to $15; the green butter dish and cover costs $65, but in yellow, $90, while the price tag on the pink may well read $135.

If today's Depression-glass prices put it beyond the financial reach of the beginning collector, still all is not lost. Those who prefer the "look" of classic antique glass to the more plentiful and thus readily available editions, would do well to consider the reproductions by companies such as Tiara Exclusives, who now offer a way for people to afford beautiful glassware reproduced from genuine antique molds. The cost of Tiara's unusual items, from Dunkirk—"Glass Capitol of Indiana"—is very reasonable.

An example of Tiara Exclusives' mastery is the sandwich collection of tableware. The designs reflect the original Sandwich Glass produced in 1825 at Sandwich, Massachusetts, on Cape Cod. This beautiful glass was first made by Deming Jarves, who perfected the process of pressing the glass, and is one of the most famous of the Early American glass styles. Handcut molds of iron were used to produce the unique Sandwich patterns. The Tiara Sandwich Collection offers every conceivable item for the table, in addition to a wide selection of practical and



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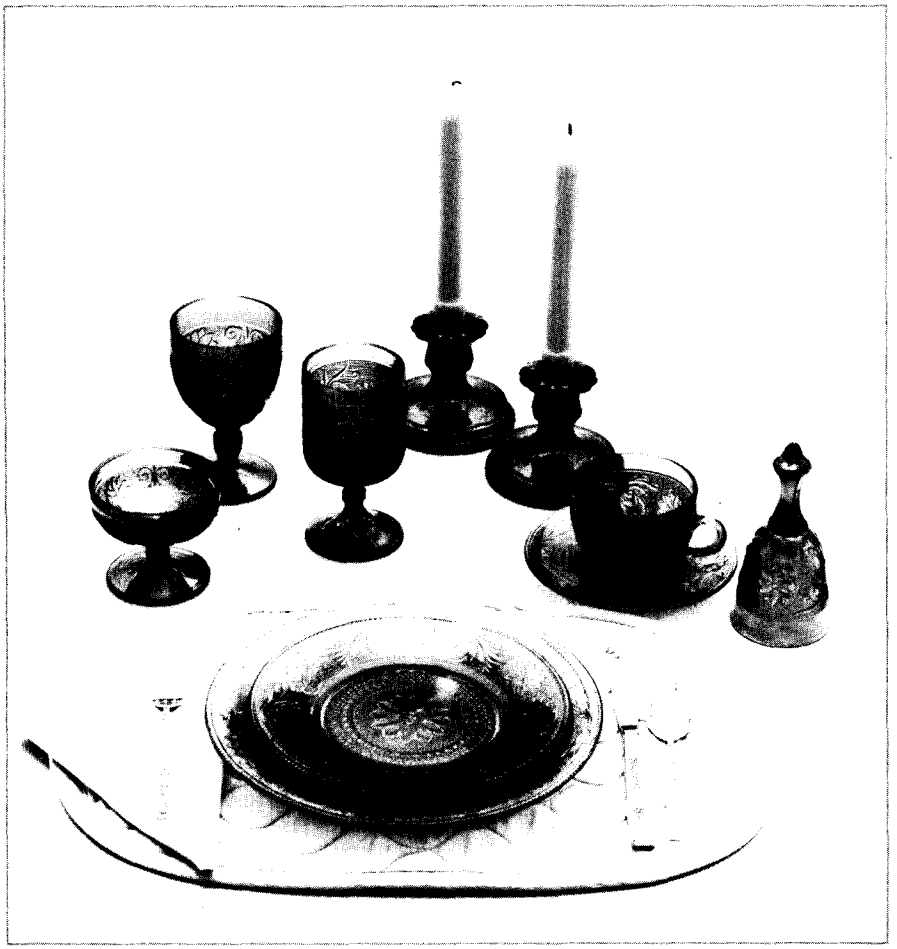

decorative items for the home.

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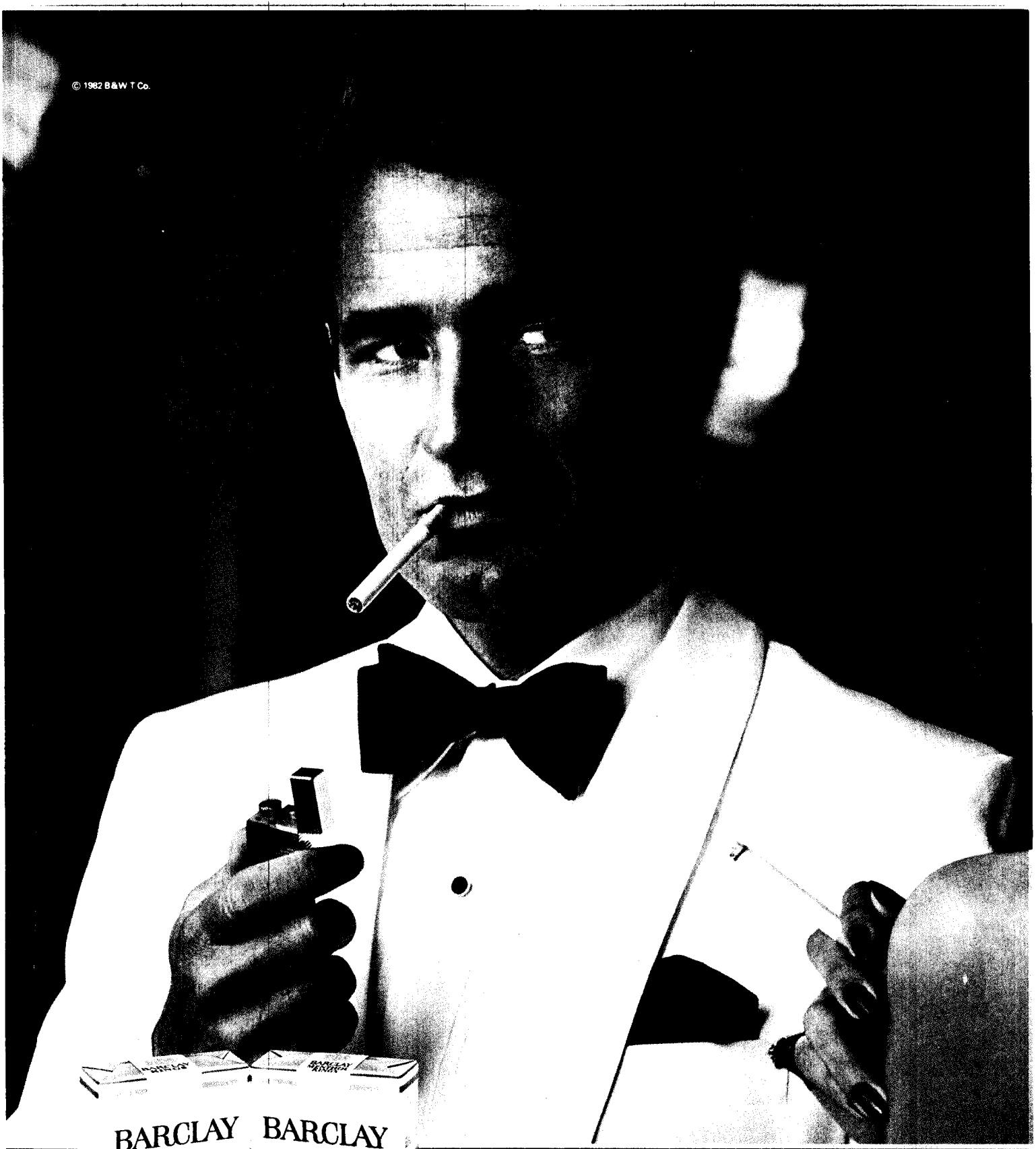

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FOOD

KEEP COOL WITH AVOCADO SALADS

From A for avocado to Z for zucchini, summer salad soirées spell instant success with guests and family alike.

by Christopher Erwin

Move over, apple pie. The salad bar has come to take your place as an American institution. From the poshest restaurants to the fastest fast-food franchises, diners have accustomed themselves to making the familiar platter pilgrimage. Hardly a restaurant dares open these days without a special island where vegetables, dressings and a sampling of everything from fruits to nuts are now available for merciless mass plunder by fork, ladle and tongs.

Salads are no longer just food for dieters or simple precursors of heavier and heartier courses to come; they're often the excuse for eating out in the first place—"Lets go there, they've got a fabulous salad bar," one hears. The salad boom is all for the best, especially where health is concerned. No food authority from Nathan Pritikin to Mishio Kushi to Julia Child has seen fit to denounce the wonderful things of which salad bars are made.

Creating a home soup-and-salad bar may therefore be the easiest, healthiest and, in the summertime when vegetables are cheaper, least expensive way to satisfy a hungry family or holiday guests. The setup may be humble or as elaborate as you like. Your guests, when confronted with an infinite variety of combinations, can scarcely complain that you've run amuck of somebody's particular dietary prejudice.

Start out with a large, chilled bowl of iceberg lettuce, and add any of the following (a mix of the usual and unusual served in assorted bowls and dishes add to the charm):

Vegetables: asparagus, green beans, bean sprouts, alfalfa sprouts, carrots, cauliflower, broccoli, tomatoes, mushrooms (fresh or marinated), snow peas, celery, cucumbers, green or red onions, marinated artichoke hearts, beets (plain or pickled), radishes, zucchini, red or green pepper, water chestnuts.

Fruit: avocados, oranges, grapefruit, apples, bananas, peaches, pineapple, papayas, grapes, melons, berries, dates, prunes, figs, mangoes, pitted olives (black or green).

Poultry and fish: chicken and turkey, shrimp, crab, smoked oysters, pickled herring, sardines, anchovies, salmon.

Cheese: Swiss, cheddar, Monterey Jack, bleu, grated Parmesan, cottage cheese.

Etcetera: nuts and seeds (walnuts, pistachios, pecans, pine nuts, almonds, sunflower and sesame), yogurt, hard-cooked eggs, tofu (bean curd), parsley, mint, crusty bread, bread sticks and, of course, croutons.

You may also wish to get fancy, in which case these recipes for iceberg soup, homemade dressings and colorful salad creations will elicit "oohs" of delight and "aahs" of appreciation.

A tempting combination of lettuce and cottage cheese overlayed with fruits and splashed with Pink Petal Dressing, Blossom Salad is a delicious and nutritious treat that few can pass up.

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Purée of Iceberg Soup
(makes 2 quarts)

3 tablespoons butter or margarine
2 green onions, chopped
1 garlic clove, peeled and chopped
1 head iceberg lettuce, shredded
1 bay leaf
2 tablespoons snipped parsley
1 teaspoon dried thyme, crushed
½ teaspoon ground marjoram
2 cups chicken stock or broth

In heavy 3-quart saucepan, heat butter until melted. Stir in onion and garlic. Cook, stirring constantly, until soft. Stir in lettuce and herbs. Cover and cook over low heat, stirring occasionally, 30 minutes. Discard bay leaf. Pour lettuce mixture into blender container. Cover and blend until smooth. Return to saucepan. Stir in chicken stock. Heat slowly to boiling. Reduce heat and simmer 15 minutes. Serve hot or cold.

Monterey Breezes Buffet Bowl
(makes 4 servings)

1 head iceberg lettuce
1 cup deveined cooked shrimp
1 cup cherry tomatoes, halved
1 small avocado, cut in wedges
1 hard-cooked egg
Zesty French Dressing

Core, rinse and thoroughly drain lettuce; chill in disposable plastic bag or crisper. At serving time, cut lettuce into bite-sized chunks and arrange in chilled salad bowl with shrimp, tomatoes and avocado. Cut egg in wedges and arrange on top. Pour Zesty French Dressing over salad and toss gently.

Zesty French Dressing

Combine ½ cup corn oil, 3 tablespoons red wine vinegar, ⅛ teaspoon seasoned pepper, ⅛ teaspoon basil and a dash Tabasco. Shake together well in covered jar. Add ¼ cup sliced pimiento-stuffed green olives, and shake again before serving.

Marinated Bean Salad
(makes about 5 cups)

1 can (16 ounces) cut green beans, drained
1 can (15½ ounces) garbanzo beans, drained
1 can (15¼ ounces) red kidney beans, drained
1 large red onion, thinly sliced
1 cup red wine vinegar
½ cup vegetable oil
¼ cup honey
1 teaspoon dried basil
¼ teaspoon garlic powder

Mix beans and sliced onion in medium bowl. Combine remaining ingredients in small saucepan. Heat to boiling, stirring constantly. Pour vinegar mixture over beans and onion. Cover and refrigerate overnight.

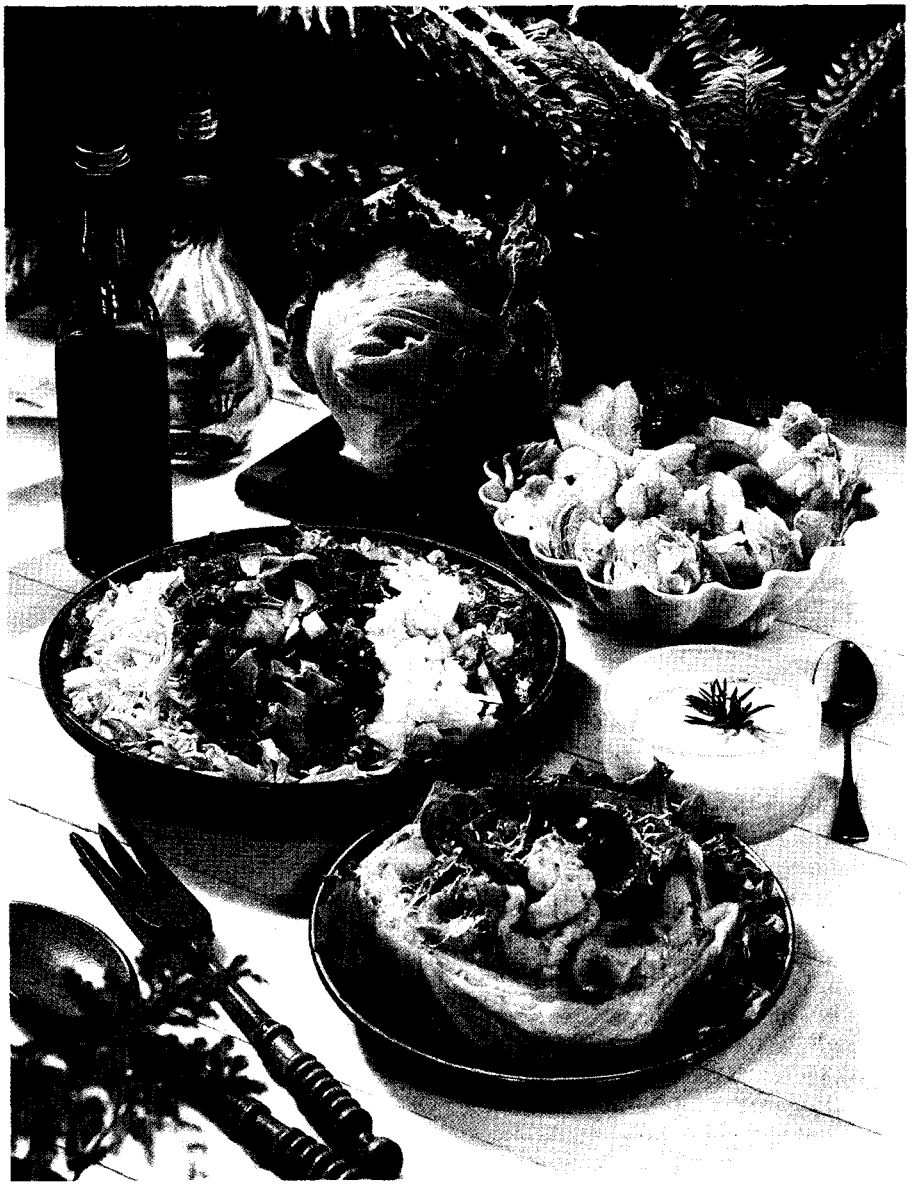
Mexican Cobb Salad
(makes 5 servings)

1 head iceberg lettuce
Mexicali Dressing
2 hard-cooked eggs, chopped
1 medium tomato, chopped
1 small avocado, peeled and chopped
4 slices crisp-cooked bacon, crumbled
½ cup shredded Cheddar cheese

Core, rinse and drain lettuce; chill in disposable plastic bag or plastic crisper. Prepare Mexicali Dressing. Shortly before serving, shred lettuce to measure 1½ quarts and turn into serving bowl. Arrange egg, tomato, avocado, bacon and cheese on top to create several stripes of color. Serve with Mexicali Dressing.

Mexicali Dressing
(makes ¾ cup dressing)

Measure ⅓ cup oil, ¼ cup red wine vinegar, 2 tablespoons catsup, 1 tablespoon sliced green onion, ½ tea-



Some like it cool; some like it hot; and Mexican Cobb Salad can be either or both with the addition of tangy Mexicali Dressing to a south-of-the-border arrangement of lettuce, tomatoes, avocados and cheese.

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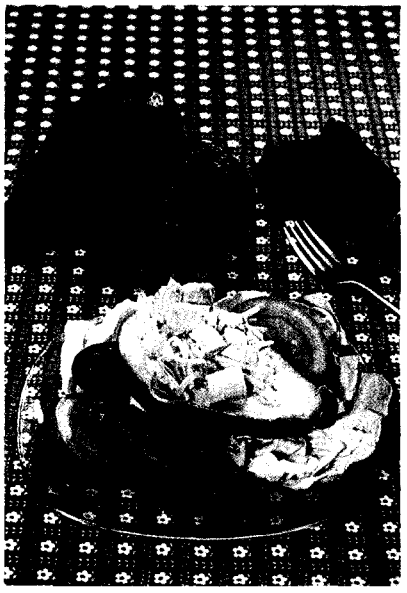

Tasty dishes such as this Hava-Winning Avocado Salad have put avocado popularity on the rise.

Avocados with Appeal

The early Spanish explorers may have robbed them of their gold, but the ancient Aztecs' glory still survives in the golden legacy of the fruit they called "ahuacatl." Until recently, avocados rarely ranged farther than the dinner tables of California and the Southwest, but recent bumper crops promise lower prices and bigger promotion across the country, which means a bargain for avocado buffs residing east of the Sierra Nevadas and for those who would like to get hooked on a new and somewhat exotic taste.

The summer avocado, on the market from mid-April through September, is a bumpy-skinned fruit that starts out green in the supermarket but turns a purplish-black color when allowed to soften. The avocado is ready to eat when it becomes dark and gives to slight pressure. Though the summer variety differs in appearance from the smooth-skinned green winter fruit, the taste and velvety-smooth texture of the two are identical. The avocado is certain to add a touch of California sun to your salad supper.

Caution: The ancient Aztecs ascribed aphrodisiacal qualities to avocados and locked up their daughters during harvest!

Hava-Winning Avocado Salad
(makes 6 servings)

2 cups cooked chicken, diced
4 cups crisp bean sprouts
2 tablespoons onion, minced
⅛ cup soy sauce
½ teaspoon garlic
⅓ cup mayonnaise
3 soft California avocados, halved and peeled
Ripe and green olives (for garnish)
1 tomato, cut into wedges

Combine all ingredients except avocados, olives and tomatoes in a large bowl. On plate (lettuce-lined, if desired), fill each avocado half cavity with chicken salad and garnish with olives and tomato wedges.

Ensalada con Huevos
(makes 6 to 8 servings)

1 large head iceberg lettuce
1 cup chopped pecans
3 avocados, cut into rings
4 hard-cooked eggs, sliced
Salsa Piquante

Tear lettuce into salad bowl; sprinkle with pecans. Arrange avocado rings and egg slices on lettuce.

Salsa Piquante
(makes about 1½ cups)

Blend and chill ⅓ cup salad oil, ⅔ cup lemon juice, ¼ cup honey, ¼ cup vinegar, 2 teaspoons paprika, 1½ teaspoons dry mustard, ½ teaspoon pepper.

Seafood Caesar
(makes 2 servings)

1 head romaine lettuce, torn in bite-sized pieces
1 clove garlic, pressed
¼ cup olive oil
Dash pepper
Dash dry mustard
1½ tablespoons white wine vinegar
Juice from ½ lemon
1 egg, beaten
1 6-8 oz. package frozen Alaskan King crab, thawed and drained
1 soft California avocado, sliced
½ cup garlic croutons

Place lettuce in large salad bowl. Add pressed garlic to olive oil. Sprinkle garlic oil, pepper, dry mustard, wine vinegar, lemon juice and egg over lettuce. Add crab, avocado slices and croutons to lettuce; toss ingredients until lightly coated. Sprinkle Parmesan cheese over salad.

spoon bottled Mexican seasoning, 1/16 teaspoon pressed fresh garlic and 4 drops Tabasco sauce in a jar. Cover tightly, and shake well to blend. Shake jar again just before serving.

Blossom Salad
(makes 4 salads)

1 head iceberg lettuce
1 pint creamed cottage cheese
2 oranges, peeled, sliced crosswise and halved
2 red apples, cored, sliced lengthwise
1 large banana, sliced
¾ cup strawberries, halved
4 small clusters grapes
4 mint sprigs
Pink Petal Dressing

Core, rinse and thoroughly drain lettuce; refrigerate in plastic bag or plastic crisper. At serving time, remove a few frilly outer lettuce leaves and line four salad plates. Cut remaining head into bite-sized chunks and divide between lettuce-lined plates. Center ½ cup mounded cottage cheese on lettuce. Tuck orange, apple, banana and strawberry slices into lettuce. Garnish with grapes and mint. Serve with Pink Petal Dressing. Note: Wash grapes and shake off excess water or dry and coat lightly with beaten egg white; sift powdered sugar over grapes to "frost."

Pink Petal Dressing

Blend ⅔ cup each cooked-type salad dressing and raspberry or strawberry sherbet. Serve at once or keep very cold.

Ratatouille Relish
(makes about 5 cups)

¼ cup olive oil
1 medium eggplant, coarsely chopped
1 onion, chopped
1 can (28 ounces) Italian-style tomatoes, drained
¼ cup red wine vinegar
¼ teaspoon pepper
10 pimiento-stuffed green olives, sliced

Heat oil in large skillet until hot. Stir in eggplant and onion. Cook, stirring constantly, until onion is transparent and eggplant is tender. Stir in remaining ingredients. Simmer, uncovered, 15 minutes. Cover and refrigerate up to 24 hours. Serve at room temperature.

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WHERE IN THE WORLD?

(Answers from page 106)

1 The chapel of the U.S. Air Force Academy at Colorado Springs offers Protestant, Catholic and Jewish services.

2 Chemist James Smithson gave his entire inheritance to the U.S. government to establish an institution "for the increase and diffusion of knowledge." The old Smithsonian building stands on the Mall in Washington, D.C.

3 Helsinki's Senate Square, whose distinguished classical-style buildings include "the Great Church," is one of the most beautiful in Europe.

4 The Taj Mahal, stands on the south bank of the Jumna River outside Agra, India.

Where Do You Think You Are?

(Answers from page 116)

1. Connecticut
2. Nebraska
3. Pennsylvania
4. Maryland
5. Amarillo, Texas
6. Ohio
7. New Jersey
8. Michigan
9. Indiana

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The Spirits Join

ONLY ONCE IN A LIFETIME do two momentous events coincide—the Quarter Millenium of George Washington's birth and the Bicentennial of the American Bald Eagle as America's mighty symbol. To mark this significant occurrence, internationally noted artist John De Kay has captured the essence of the American Spirit as reflected by these two historic events.

President Ronald Reagan has issued the first official proclamation recognizing June 20th as "Bald Eagle Day." On that date in 1782 Congress met in Philadelphia to include The Bald Eagle in The Great Seal of the United States.

John De Kay has long been noted for his masterful portraits of American Presidents. President Dwight David Eisenhower, to acknowledge Mr. De Kay's painting, wrote: "To insure that the greatest number of Americans can view your work, I am forwarding it to the museum bearing my name in Abilene, Kansas."

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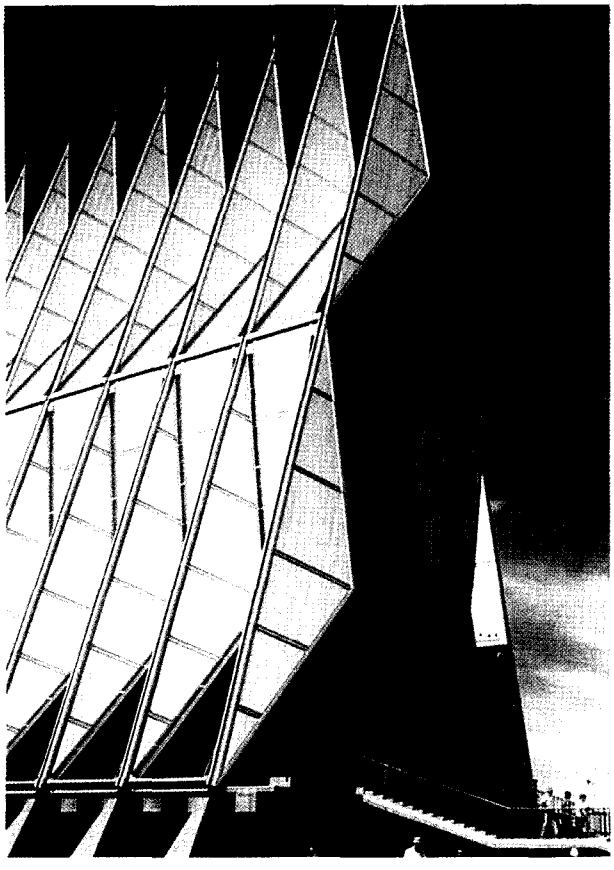
WHERE IN THE WORLD?

A Mogul's legacy, a scientist's bequest, a harbor church and a chapel for cadets. If you can tell us where they are, we'll tell you the rest.



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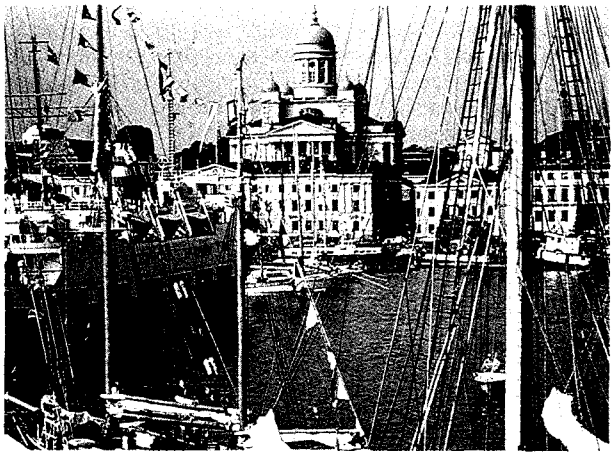
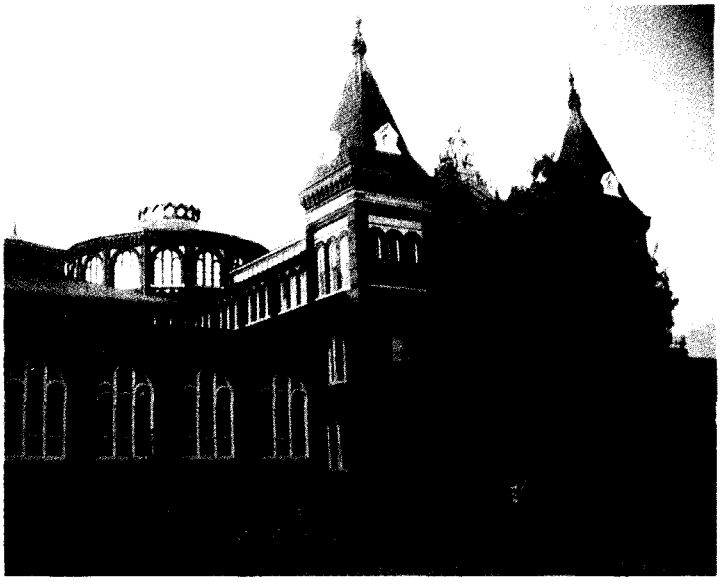
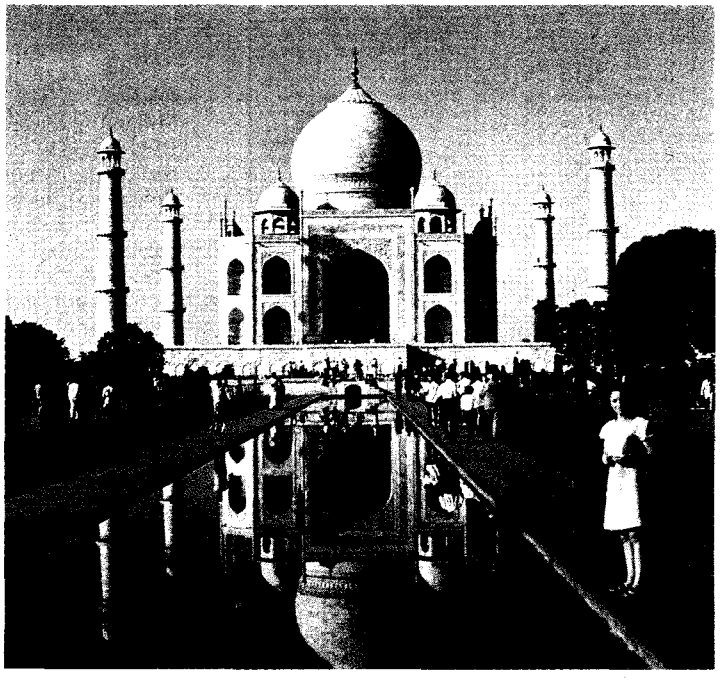


3 ☐ **Helsinki** ☐ **Copenhagen** ☐ **Leningrad**
The cathedral presides over this city's skyline, which provides one of Europe's most handsome harbor approaches.



2 ☐ **New York** ☐ **Washington, D.C.** ☐ **Philadelphia**
America's most famous scientific institution bears the name of the British scientist who bequeathed his estate for its establishment.



4 ☐ **Baghdad, Iraq** ☐ **Tehran, Iran** ☐ **Agra, India**
The Mogul emperor Shah Jahan built this ornate mausoleum in memory of his wife, who died in childbirth. Although its design is sometimes criticized as too feminine, it has been described as being "in more measurable distance of perfection than any other work of man."

(Answers on page 105)

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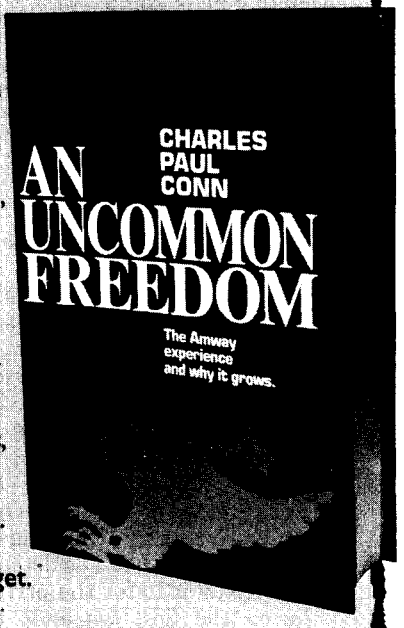

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Plates

continued from page 32

lent way to make artwork accessible to a vast number of people who may never have considered purchasing anything approaching fine art. The price is right," says Barbara. "You can't get a Norman Rockwell limited-edition lithograph for less than several thousands of dollars, but you can get a true, certified limited-edition Norman Rockwell plate where the reproductive qualities are not only as good but are likely to stay that way, since the surface is impermeable unless you drop it. It's also been a very healthy way for a lot of young artists to reach a vast audience."

And Americans' passion for plates has given rise to new career opportunities even beyond the area of art. Take, for instance, positions within the Bradford Exchange hierarchy. Barbara laughs at her title of chief plate broker.

"It's not something many little girls say they want to be when they grow up," she admits. "At least not yet. But who can say about the future?"

Marines

continued from page 77

"A new private comes to us thinking he is going to be tortured," said Fleming, a 24-year-old seven-year Marine. "He wants to make it, but he just isn't sure he can. He'll come up with any sort of problem to test the DI, perhaps hoping to get out. Then he begins developing some self-sufficiency. Others are tough and have to be stripped down. Eventually, they all are making progress and begin to develop *esprit de corps.*"

Staff Sergeant Presus, 25, also a seven-year Marine, admits there is a poor public image of the Marines and of the DI in particular. "Some people think we beat kids," he said. "But what we are really doing is teaching the tough guys and the weaklings to work as a team. And that's as demanding for the DI as it is for the private. Often during the first two-and-a-half weeks," the sergeant mentioned, "I'm here 24 hours straight. The Corps got me on the right track," he added, "and I am seeing it happen all the time to the young men who come to us."

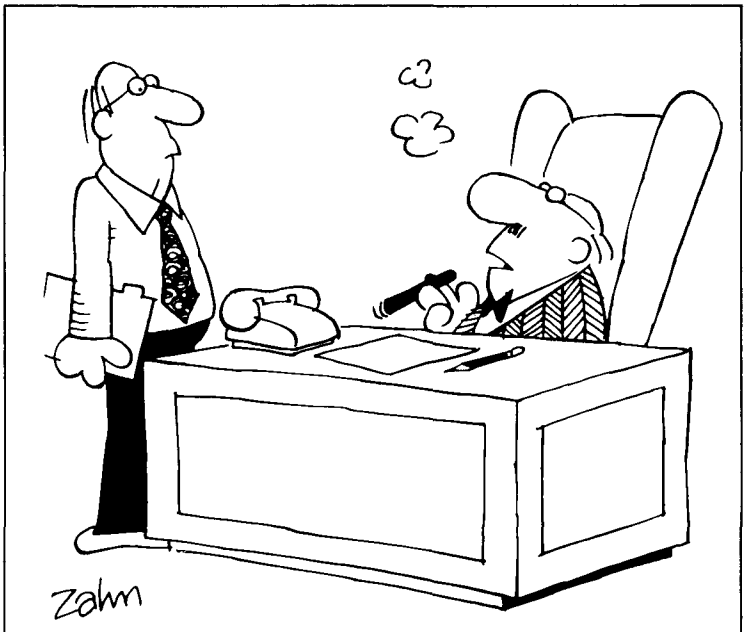
The first phase in a new private's life is a 17-day period during which all 206 years of Marine history and regulations are thrown at him. One of the basic skills he will learn is how to field strip and assemble his M-16 rifle in two-and-a-half minutes. Training includes physical-fitness tests; close combat drills, where "choke and croak" is taught, among other tactics; water survival; the confidence course for upper-body muscles; the circuit course; and the rigorous "holding and squeezing" riflery. Maintenance duty, such as polishing brass, and mess duty fill in the tight schedule, along with inspections and more drills.

During this time, the comfort and consolation of parents may be thousands of miles away. And sometimes the letter home may overdramatize life at the depot. Thus, Lieutenant Colonel Daniel and executive recruiting officer Col. H.J. Gibson often find themselves appeasing mom and dad. "Usually they are more concerned than upset," Daniel explained. "But if there is an allegation, it is investigated."

With the low-key "processing" days of the DI over, privates are instructed in the domestic arts, including washing their uniforms on Sundays and during the week, too, if necessary. Their only free time on Sunday is four hours between morning and noon chow. During the week, they have a free hour in the evening for letter writing and boot polishing.

For all his efforts, a recruit still must earn the right to be called a Marine, an honor that comes only upon graduation. With that honor, if he is single, comes a monthly check for $551.40. Marines with dependents receive an additional $205 housing allowance, $30 family separation allowance and $135 committed rations. Most graduate with the rating of private, but about 10 percent rise to the meritorious rank of private first class.

When at last they earn a two-week leave and go home, they will take with them a little less fat and a lot more muscle, feet with callouses where once were blisters and a hat full of unsettling stories about life as a "grunt"; but most important of all, they possess an air of accomplishment at having mastered the test by fire, a feeling that comes only to the hardiest and most determined.



"I realize you've been here ten years without a raise. That's the only reason you've been here ten years."

Universe

continued from page 47

rotation to be quantized.

The idea that the world places restrictions on what humans might do is frustrating. Why indeed *shouldn't* we be able to have intermediate rotational positions? Why *can't* we travel faster than the speed of light? This is the way the universe is constructed. Such prohibitions not only press us toward a little humility; they also make the world more knowable. Every restriction corresponds to a law of nature, a regularization of the universe. The more restrictions there are on what matter and energy can do, the more knowledge human beings can attain. Whether in some sense the universe is ultimately knowable depends not only on how many natural laws there are that encompass widely divergent phenomena, but also on whether we have the openness and the intellectual capacity to understand such laws. Our formulations of the regularities of nature are surely dependent on how the brain is built, but also, and to a significant degree, on how the universe is built.

I like a universe that includes much that is unknown and, at the same time, much that is knowable. A universe in which everything is known would be static and dull. A universe that is unknowable is no fit place for a thinking being. The ideal universe for us is one very much like the universe we inhabit. And I would guess that this is not really much of a coincidence.

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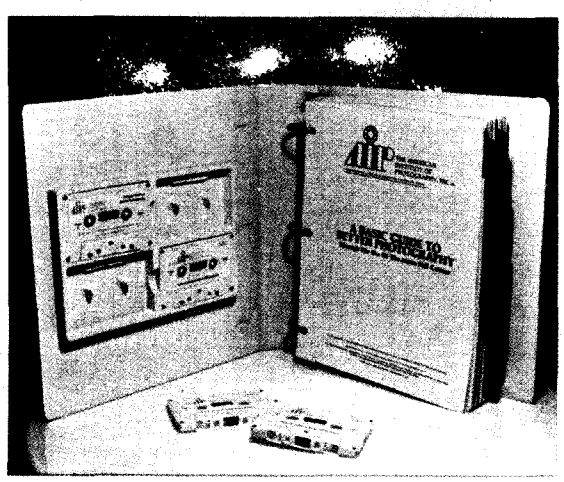

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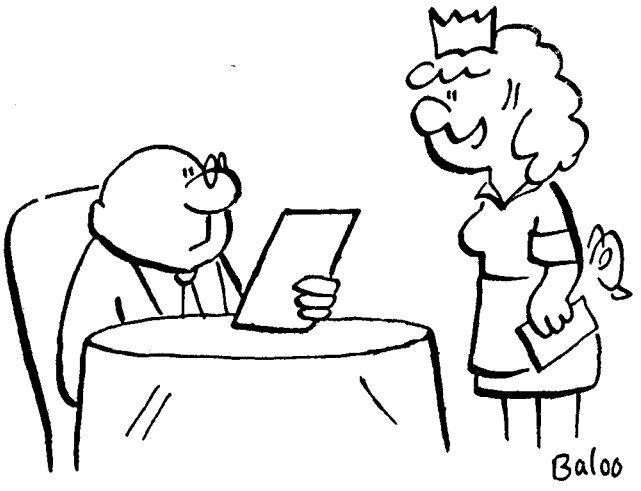
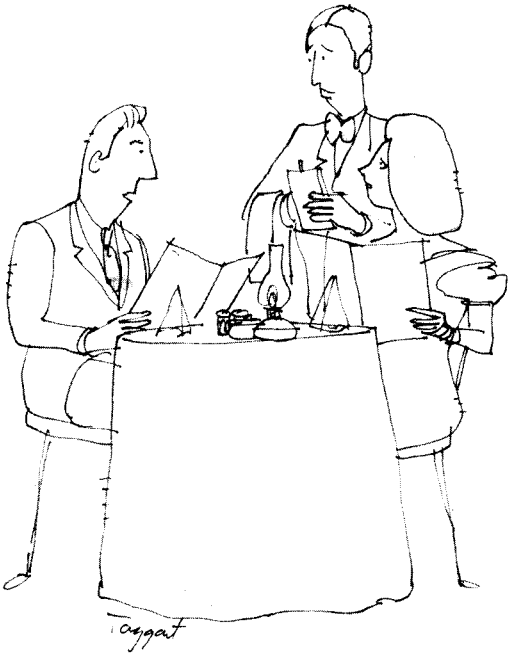
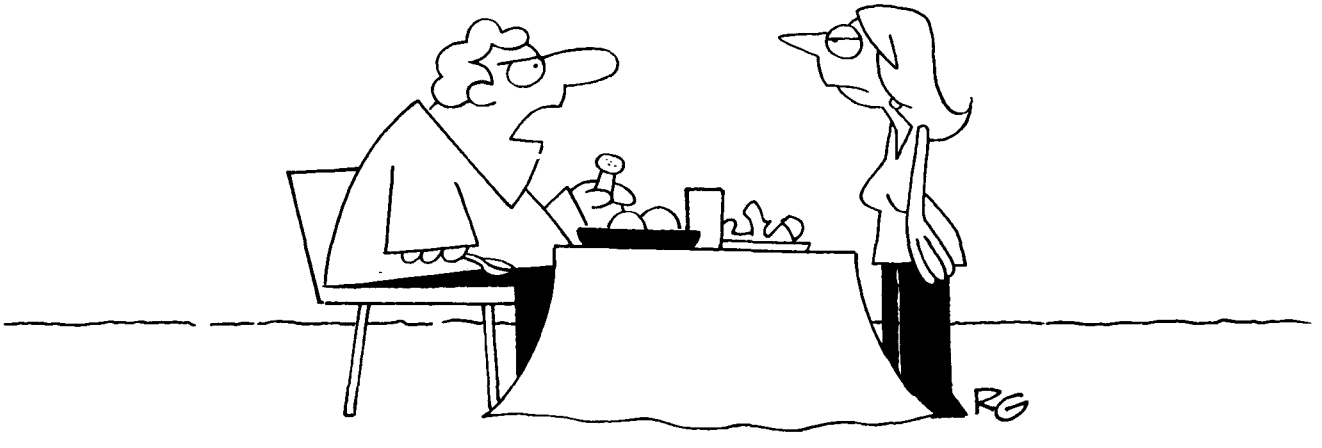


"The diet special? You just give me a tip and leave."



"I don't recommend the soup du jour. Every time I order it, it's different."

"I fed the twins, but I'm not sure if I fed them both or the same one twice."



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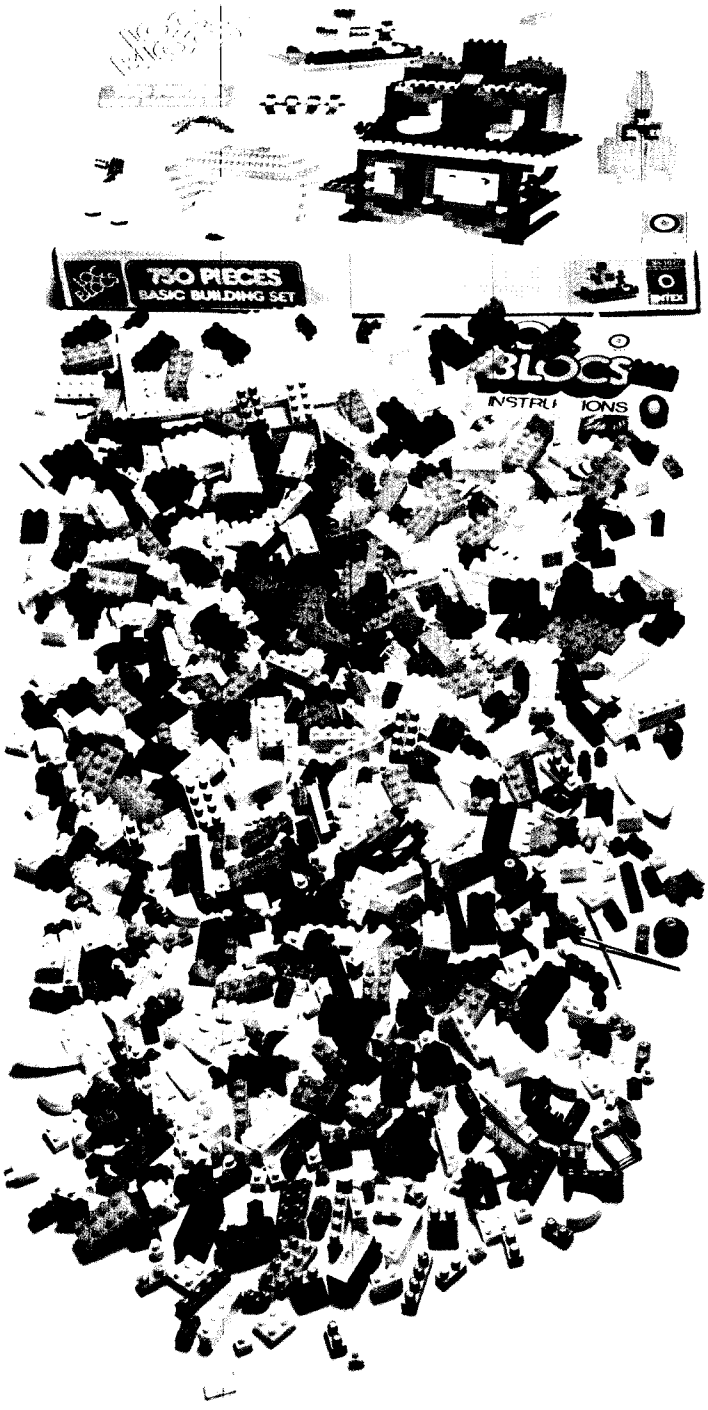

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Cincinnati	July 12-18
Minneapolis/ St. Paul	July 13-18
Seattle	July 30-Aug. 6
Milwaukee	Aug. 11-15
Newport, R.I.	Aug. 21-22
Chicago	Aug. 30-Sept. 5
Detroit	Sept. 1-6
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Prayer

continued from page 26

eminence we this day occupy.

Zachary Taylor, March 5, 1849

...It must be felt that there is no national security but in the nation's humble, acknowledged dependence upon God and His overruling providence.

Franklin Pierce, March 4, 1853

...In entering upon this great office, I must humbly invoke the God of our fathers for wisdom and firmness to execute its high and responsible duties.

James Buchanan, March 4, 1857

..."The judgments of the Lord are true and righteous altogether."

Abraham Lincoln, March 4, 1865

...I ask the prayers of the nation to Almighty God in behalf on this consummation.

Ulysses S. Grant, March 4, 1869

...Looking for the guidance of that Divine Hand by which the destinies of nations and individuals are shaped.

Rutherford B. Hayes, March 5, 1877

...I reverently invoke the support and blessings of Almighty God.

James Abram Garfield, March 4, 1881

...And let us not trust in human effort alone, but humbly acknowledge the power and goodness of Almighty God, who presides over the destiny of nations.
...Let us invoke His blessing upon our labors.

Stephen Grover Cleveland, March 4, 1885

...We reverently invoke and confidently expect the favor and help of Almighty God.

N. Benjamin Harrison, March 4, 1889

...Our faith teaches that there is no safer reliance than upon the God of our fathers...who will not forsake us so long as we obey His commandments and walk humbly in His footsteps.

William McKinley, March 4, 1897

...No people on earth have more cause to be thankful than ours, and this is said reverently, in no spirit of boastfulness in our own strength, but with the gratitude to the Giver of good who has blessed us.

Theodore Roosevelt, March 4, 1905

...I invoke the aid of the Almighty God in the discharge of my responsible duties.

William Howard Taft, March 4, 1909

...I pray God that I may be given the wisdom and prudence to do my duties in the true spirit of this great people.

Woodrow Wilson, March 5, 1917

...I accept my part with single-mindedness of purpose and humility of spirit and implore the favor and guidance of God in Heaven.

Warren G. Harding, March 4, 1921

...America seeks no empires built on blood and forces...she cherishes no purpose save to merit the favor of Almighty God.

Calvin Coolidge, March 4, 1925

...I ask the help of Almighty God in this service to my country.

Herbert Clark Hoover, March 4, 1929

...In this dedication of a Nation we humbly ask the blessing of God.

Franklin Delano Roosevelt, March 4, 1933

...So we pray to Him now for the vision to see our way clearly...to the achievement of His will, to peace on earth.

Franklin Delano Roosevelt, January 20, 1945

...We believe that all men are created equal because they are created in the image of God.

Harry S Truman, January 20, 1949

...Before all else, we seek, upon common labor as a nation, the blessings of Almighty God. And the hopes in our hearts fashion the deepest prayers of our whole people.

Dwight D. Eisenhower, January 21, 1957

...Let us go forth to lead the land we love, asking His blessing and His help.

John F. Kennedy, January 20, 1961

...or myself, I ask only in the words of an ancient leader (Solomon): "Give me now wisdom and knowledge that I may go out and come in before this people."

Lyndon B. Johnson, January 20, 1965

...To a crisis of the spirit, we need an answer of the spirit.

Richard Milhous Nixon, January 20, 1969

...So I ask you to confirm me as your

Continued on following page

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president with your prayers. And I hope that such prayers will also be the first of many. . . . In the beginning, I asked you to pray for me. Before closing, I ask again your prayers.

Gerald R. Ford, August 9, 1974

. . .Here before me is the Bible used in the inauguration of our first president in 1789, and I have just taken the oath of office on the Bible my mother gave me just a few years ago, opened to a timeless admonition from the ancient prophet Micah:

"He hath showed thee, O man,
what is good; and
what doth the Lord require of
thee, but to do justly,
and to love mercy, and to walk
humbly with thy God"
(Micah 6:8).

Jimmy Carter, January 20, 1977

. . .We are a nation under God. I believe that together with God's help we can and will resolve the problems which now confront us.

Ronald Reagan, January 20, 1981

Killer Candy

continued from page 40

ment is less complicated. It includes a prompt gastric lavage, parenteral administration of some dextrose and saline solution to restore the fluid balance, and the usual supportive measures. Richard was admitted to the hospital, according to the record, at one o'clock. That meant he would have had his lavage in reasonably good time—around 12:30—since they attended to that in the emergency room.

"Well, that was the report. I could assume that Miss Flynn had given Mrs. Poole some necessary instruction in the care of drugs and children. I marked it for filing and put it aside and went on to whatever came next. By the time I got back from lunch that day, I had practically forgotten the case. And then Miss Flynn called. Richard Poole was dead. He had died around noon. Respiratory failure. I won't pretend I was more than conventionally shocked. I was, however, very considerably startled—it didn't seem in line with the facts. My impression had been that they added up to a very good chance for recovery. Thirty tablets of the size he had taken made a total of 45 grains. Forty-five grains of aspirin is enough to cause a lot of trouble in a child of three. As a general thing, though, it isn't fatal. I got out the report for another look. But a glance was all I needed. It had simply slipped my mind. One of the anomalies of acetylsalicylic acid is that illness enormously intensifies

Continued on following page

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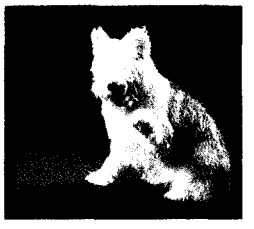

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I live at _____
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its action, especially in small children, and Richard had been more or less sick since Sunday. Also, he swallowed it on an empty stomach."

Author's Note: The physiology of aspirin is somewhat clearer now than it was in 1956, when the above depiction was written. It is now believed, on the basis of the investigations of several researchers (including, especially, John R. Vane at the Royal College of Surgeons, in London, 1971), that aspirin achieves its incongruous collection of efficacies—the reduction of fever, the reduction of inflammation, the easing of aches and pains—by inhibiting the body's production of the hormonelike substances known as prostaglandins. Prostaglandin production is also linked to the natural formation of blood clots. It is the ability of aspirin to interfere with clotting that causes aspirin's chief drawback—its tendency to cause internal bleeding. But this very flaw has been recently turned to an advantage, and aspirin is now widely used to protect against heart attacks and strokes by blocking clot formation.

DeVos

continued from page 59

to perform with the symphony— reading the narration in Aaron Copland's familiar "Lincoln Portrait" to rave reviews ("dramatic. . . poignant") from the local music critic.

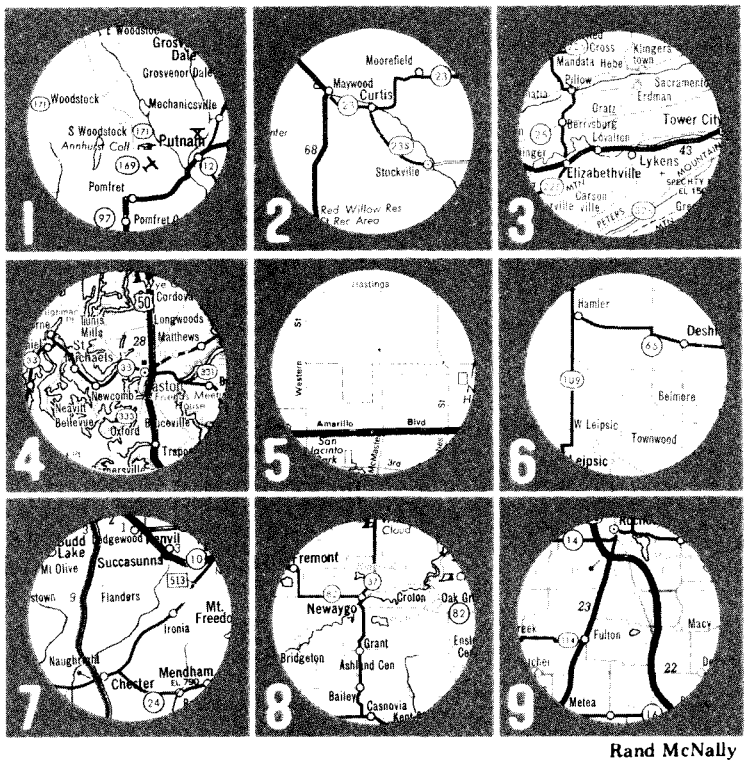
The DeVoses have long been aggressive boosters of the Grand Rapids community and are regarded, along with their friends the Van Andels, as being among the prime movers in the "Renaissance" of the city's downtown area in 1981-82.

Community activities, yes; tennis, skiing, whatever. But there is also an active religious involvement that the family shares. Prayer and scripture reading at mealtime is an invariable DeVos custom (Proverbs are favorites with Rich). "It's always been our tradition to open our meals with prayer and close with Bible reading," Helen explains. "That tradition is one we were brought up in, and one we've continued with our families. Whether we are at home or away, we have our devotions."

The family has long attended the LaGrave Avenue Christian-Reformed Church in Grand Rapids. Rich has served on the board of Home Missions of his denomination and on the boards of several other religious denominations. He is in much demand as a speaker at Christian meetings around the country. (The Rev. James Kennedy's Coral Ridge Presbyterian Church in Ft. Lauderdale, Florida, and the Rev. Robert A. Schuller's Crystal Cathedral in Garden Grove, California, are active outposts of his.) He speaks unabashedly of a "personal relationship with God." Rich eloquently comments on his personal commitment. To him, all of life and its parts are inseparable:

"This is an exciting world. It is crampacked with opportunity. Great moments await around every corner. It is a world that deserves an upward look. We have heard enough from the critics, the nay-sayers, the cynics whose vocabularies have not progressed beyond the word 'no,' the rip artists whose talents of seeing sore spots have made instant experts and heroes of them. I believe in life with a large 'yes' and a small 'no.' I believe that life is good, that people are good, that God is good. And I believe in affirming every day that I live, proudly and enthusiastically, that life in America under God is a positive experience."

Bravo, Rich DeVos.



Rand McNally

Where Do You Think You Are?

East or West, North or South, each of the distinctive areas above appears on the map of a single city, state or province. In terms of routes, state parks, mountains and memorials, there is, as the saying goes, "no place like it." Can you identify these locations? If you or a friend find the game too easy (but you won't) add the requirement that you place the area north, south, east, west or central in the designated locale.

(Answers on page 105)

American Cars

continued from page 69

That has all changed now. The automobile coming off the line today bears little resemblance to that of 1974. Compare: In 1974, oil in a new car needed to be changed every four months or 6,000 miles; today, it needs changing every 12 months or 7,500 miles. In 1974, automatic-transmission fluid needed changing every 24,000 miles; now the interval is 100,000. The list goes on. Spark plugs, tires, shocks, brake linings, etc., are all made better and last longer.

Where Detroit is currently shining is in preventing corrosion. The American car manufacturers are ahead of the imports in warding off rust. Consequently, the average age of the 106 million cars on the road today is 6.6 years, which may explain why, more and more, Detroit is willing to guarantee certain parts and workmanship for up to five years or 50,000 miles. Unless some of the carmakers plan to be out of business before all the warranties run out, that, more than anything else, is an indication of the quality of the American car.

It's a Smooth Ride

Somehow, as the price of gas rose, Americans were made to apologize for the comfort and easy handling of their cars. Suddenly, in the 1970s, it was "looking out for number one" to own and drive a comfortable car. In the delightful phrase

Cont. on following page

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8 new selections

Norman Rockwell prints

from The Saturday Evening Post

NR177/*The Babysitter*

NR170/*Pardon Me*

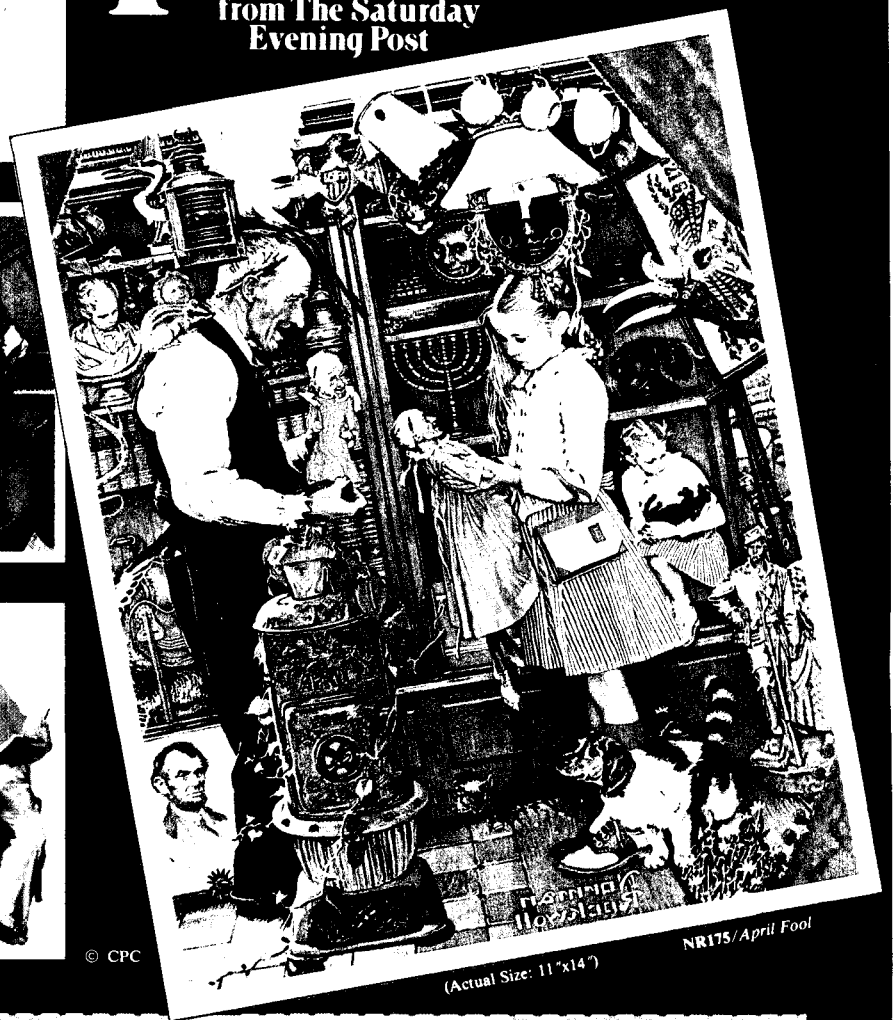
NR171/*Young Love*

NR172/*Museum Worker*

NR173/*The Piano Tuner*

NR174/*Losing The Game*

NR176/*Cramming*



NR175/*April Fool*

(Actual Size: 11"x14")

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that abounds in Detroit, cars had to be "drab vanilla boxes." You hadn't really arrived socially until the passengers in your back seat could scratch their chins with their knees.

Slowly, this attitude is changing, in part because the safety issue is justifying the return to larger, roomier cars. From the passenger's point of view, it is none too soon. Zara Rolfes is an engineer at the General Motors Proving Ground near Detroit, and she said it best: "The difference between an import and an American car is the difference between a folding chair and a sofa."

The Price Is Right

The best buy on the market today is the medium-sized American car. It costs about $9,000. Obviously, the small cars, foreign and domestic, are cheaper, but given what they offer in terms of safety, room and comfort, they are selling at a premium. To give two examples, *Consumer Reports* recommends buying the Chrysler Cordoba at around $9,200; for the Toyota Corona, it suggests paying about $8,900.

Further, many of the medium-sized imports cost a lot more than comparable American models. *Consumer Reports* suggests buying a Volvo with options that bring the cost up to $14,100. The Chevrolet Celebrity, competitive in every way in the sedan market, costs $9,500.

The list price, however, should not be the only consideration. Because American car dealers are hungry for a sale, they are willing to negotiate on just about everything: options, financing, maintenance schedules, trade-ins. Import dealers have more the attitude of water salesmen in the desert and often simply say, "Take it or leave it," as you stand over the idol of the cocktail-party circuit. But as with the tail fins of an earlier generation, you will pay dearly for prestige, even if your money is buying less rather than more.

It's Better Than You Think

Not even the marketing experts in Detroit can really explain why Americans buy cars. Some say it's styling; others, fuel economy; still others, quality and safety. The best anyone can come up with is a description of "that gut feeling" you get when you see something you want. For the last several years, the imports have generated that sensation in record numbers of Americans, putting us now in a situation where we may watch the decline and fall of the domestic auto industry in a matter of two or three years.

Nevertheless, if there is hope for the future, it is in the competition that the U.S. makers face in the market. It has made them produce better, more efficient and more stylish cars. Already this year, General Motors has introduced new models and new engines in numbers that far exceed past rates of innovation. Likewise at Ford, Chrysler and American Motors. Everyone in Detroit, for example, is hungry for a peek at the new Ford Mustang convertible or the revamped Corvette Chevrolet is bringing out in 1983. This excitement, which can be gleaned at all levels of the business, may tell of a more vibrant market nationwide. First, however, Americans will have to start buying cars again—and domestic ones at that.

You be the Judge

by John Ritter

Frank was angry when the divorce court awarded his wife $5,000 in lump-sum alimony, so he decided to pay it in his own way. He delivered a barrel containing 500,000 pennies to his lawyer's office and told his wife to go pick up the money. The wife refused and instead went back to court.

"Your honor," she said, "you should find Frank in contempt of court for trying to harass me."

If you were the judge, would you hold the husband guilty for contempt of court?

Guilty of contempt, ruled the judge. Frank was ordered to pick up his barrel of pennies, pay the $5,000 with a cashier's check and pay an additional $200 to his wife's attorney for having to haul him into court.

(Based on a 1976 Georgia Supreme Court case.)

Pete Rose

continued from page 88

about expenses being too high and contracts being too big, then they have us come earlier and earlier to spring training. That's a big expense, isn't it? Two, maybe three weeks is all I need."

But Rose isn't complaining loudly or too much. His controversial days when his marriage was hitting the skids are over now. Seemingly overnight, Rose has cleaned up his image. He knows that early to bed and early to rise helps do wonders for old batting eyes. When he goes out these days, he is most likely to be in the company of his young son, Peter Edward II, who frequently serves as a Phillies ballboy. With such killing stress out of the way, Rose can concentrate on what he has done better than anyone in the game since Ty Cobb—just getting on base.

And come 1984, the chances are that even Ty Cobb will have taken a back seat.

Chariots

continued from page 18

acclaim can perhaps be found in the film's inspired beginnings. Producer David Puttnam, whose movie credits include *Midnight Express* and *Foxes*, happened upon a sports reference

Cont. on following page

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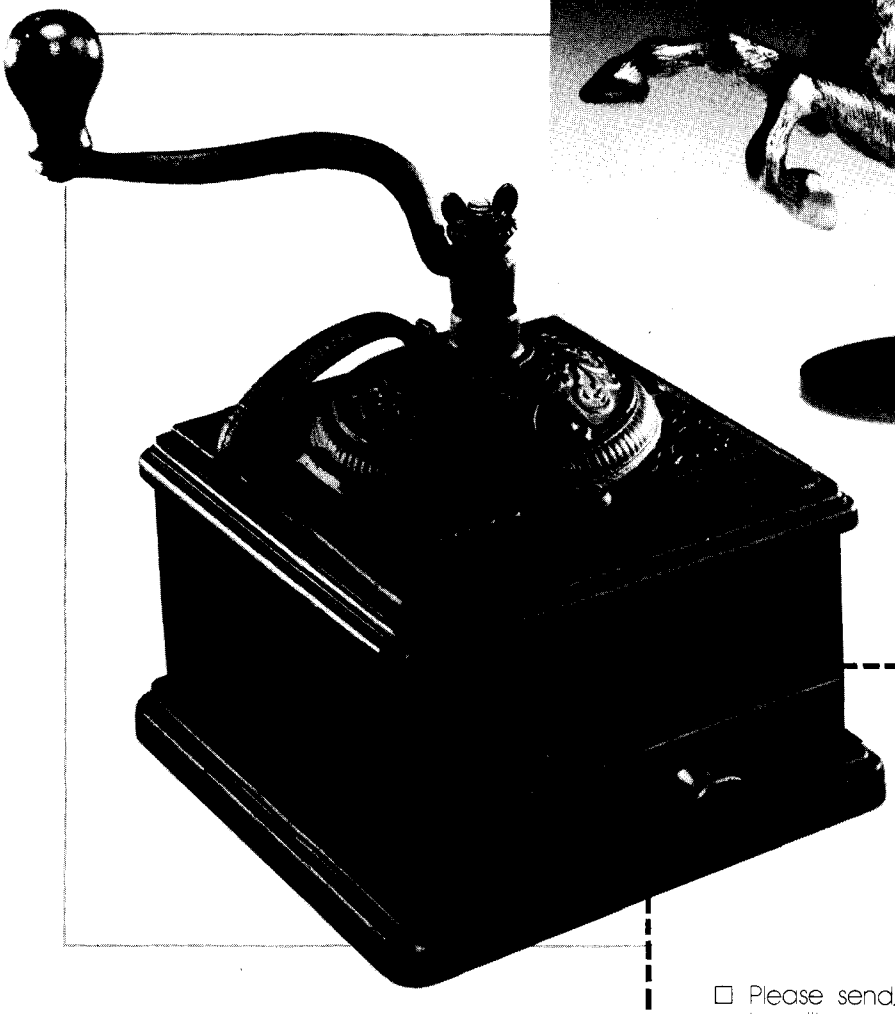

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book entitled *The Official History of the Olympics* while combing his newly rented Los Angeles home for reading material and was impressed by its accounts of two British athletes. He felt they would serve as a dramatic story idea for a film. Hence, the concept for *Chariots of Fire* was born.

For those who have yet to see it, *Chariots* is based on the true story of the lives of two British track stars as they prepare for and compete in the 1924 Paris Olympic Games. It's also a film about the inner motivations and convictions of two young men driven to compete. Eric Liddell (played by Ian Charleson), a Scottish divinity student, "runs for God," because, as he explains to his sister, Jennie (Cheryl Campbell): "I believe God made me run for a purpose. But He also made me *fast*, and when I run, I feel His pleasure." The other sprinter, Harold Abrahams (Ben Cross), is a Cambridge student and the son of Lithuanian-Jewish parents. He runs in defiance of what he perceives as England's anti-Semitism.

In the pursuit of their individual goals, both athletes must make difficult choices that jeopardize their hopes for Olympic medals. Liddell, because of his religious beliefs, refuses to run in a Sunday qualifying heat for the Olympic Games, while Abrahams declines to dismiss a professional coach he has employed to insure a medal in Paris, despite the disapproval of Cambridge officials. As it turns out, both athletes win their coveted gold medals—but on their own terms. "Their decisions invest the film with a wonderful sense of purpose," said *Chariots* director Hugh Hudson, himself new to feature films. "Those two don't take second best. They won't compromise."

In real life, the 1924 Olympic Games marked the end of Liddell's athletic career. In the summer of 1925, he followed God's call and traveled to China to serve as an educational missionary. Some two decades later, at the beginning of World War II, he was interned by the Japanese as an "enemy national" in a prisoner-of-war camp located in North China. He died there of a brain tumor at age 43, just a few months prior to the war's end in

Continued on page 128

Antique Shop

This 1½" sample size is just $294.00; $837.90 for 3 insertions; $1,587.60 for 6 times, prepayment required. Illustration below is 3" sample size. Price $588.00, 1 time; $1,675.80, 3 times; $3,177.60, 6 times. Send materials and checks to The Antique Shop, 1100 Waterway Blvd., Indpls., IN 46202 or call Pat Hatcher, (317) 636-8881.

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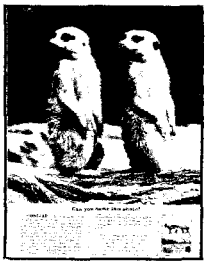
Can you name this photo?

...contest: $100 to the author of the winning caption for this photo. Your entry can be a "one-liner" or up to five lines of limerick. $100 will also be awarded to the photographer, amateur or professional, whose submitted photo is published in next month's contest. (Black-and-white 8x10 photos are preferred. Please enclose self-addressed, stamped envelope.) Send entries to Photo Contest, SatEvePost, 1100 Waterway Blvd., Indianapolis, IN 46202. All eligible caption entries must be received by June 22, 1982.

Our congratulations and a check for $100 go to Jey E. Metz of Anderson, Indiana, for the winning entry in our April photo-caption contest.

Said Plato to old Socrates,
"Wise words for you are a breeze.
But a simple solution
To simian pollution
Is a formula to rid us of fleas!"



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MEDICAL MAILBOX

by Cory SerVaas M.D.

"Health is the first requisite after morality."
—Thomas Jefferson

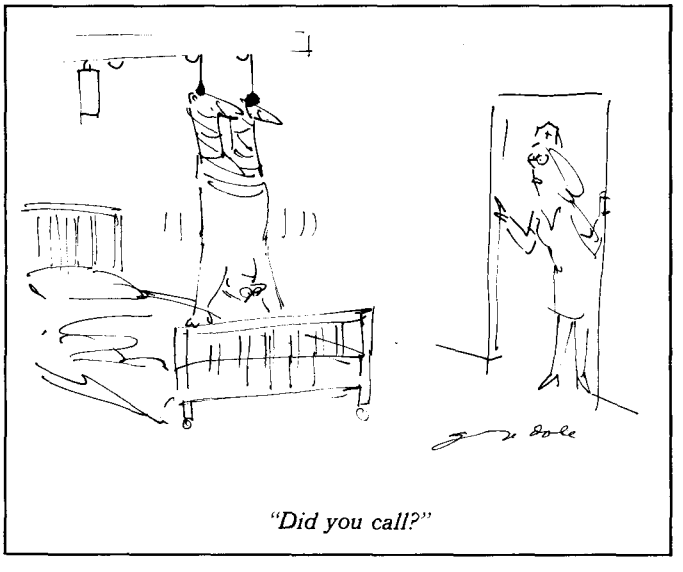
Sudden Infant Death Syndrome

All of our community went into mourning last week. One of our most popular young couples lost their three-week-old baby to an unexpected crib death. Harry Gonzo was a star quarterback at Indiana University. After welcoming two sons, he and his wife yearned for a baby girl; and when she finally arrived, their joy was unbounded. Then, for no apparent reason, their little daughter died in her crib, at three weeks of age—a victim of Sudden Infant Death Syndrome (SIDS). She was *not* at risk for SIDS.

Benjamin Franklin, who discovered electricity, would no doubt have had some good ideas on how to invent a better, easier, cheaper way to make crib monitors as common and effective as the smoke detectors found in our homes today. Undoubtedly, he would have promoted them as well. The Benjamin Franklin Literary & Medical Society wishes to invite electrical engineers and concerned professionals in the health field to explore methods of inexpensive monitoring that would sound the alarm when a child stops breathing or when its heart stops beating. Such devices now available are quite expensive for the average couple.

On behalf of the Gonzos and all the other young parents who have lost their babies to SIDS, the Society is offering $1,000 as a reward to the individual or group that, in the opinion of the judges, has done the most to improve the state of the art of crib monitors.

There is nothing more traumatic to parents than this syndrome. To settle what appears to be a perfectly normal infant in for the night only to find in the middle of the night or in the morning an infant that is not living



"Did you call?"

An inexpensive crib alarm which would sound if the baby was in trouble would be a comfort to sleeping parents.

is an experience too terrible to describe.

The cause of SIDS is not known. Many theories have been advanced, but none of them has been proved. Autopsy studies have noted the high incidence of mild to moderate upper-respiratory-tract infection, but no actual proof of the cause of death has been forthcoming.

Some autopsies have shown that crib-death babies had botulism poisoning that was traced to botulism in honey presumably used to sweeten formula. It is estimated that 25 percent of the honey produced contains botulism toxin. Infants should not be given honey since they can't handle the toxin as adults do.

SIDS occurs most frequently in infants from two to five months old, but it also occurs less frequently in younger and older infants.

It is estimated that there are 6,000 to 7,000 such deaths in the United States each year. It is not evident that the incidence is increasing. On the contrary, the incidence seems to be slowly decreasing. In Philadelphia, for example, the recorded rates for 1960 and 1974 are 2.5 and 1.9 per 100 live births, respectively—still a distressing percentage.

Various factors may predispose to this fatal illness. A disproportionate number of the affected infants have a low birth weight, the majority (60 percent) are males, and more are from socioeconomically deprived families than from more privileged ones.

Severe cold and extreme temperature changes may predispose to a higher incidence. No hereditary interpretations have been suggested. Most deaths occur at night when the infant is not under observation, but fatalities have been reported when the infant was

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under observation.

Closer observation of infants that are not gaining weight normally and those who seem to lack vigor is probably indicated.

The monitoring devices now manufactured are used almost entirely for high-risk infants, either in the home or hospital. Timely resuscitation has saved many of these infants, who go on to have normal lives. The problem as regards monitoring devices is the high cost of purchase and the expensive rental charges. Purchase prices range from $750 to $3,000. Rentals begin at about $75 per month. Hopefully, mass production of these monitors will drive the cost down so that any concerned parents can afford to rent the equipment during the crucial months.

Calories Per Minute

The number of calories you will burn (above basal metabolism) during various activities depends on the intensity of the activity and the body weight you have to move around during that activity. The following chart is based on a 150-pound person. To determine how many calories you burn per minute, consult the chart and add 10 percent for each 15 pounds more than 150 you weigh; subtract 10 percent for each 15 less than 150.

Activity	Calories
Basketball (full court)	9
Basketball (half court)	6
Calisthenics	5
Cycling	12
Golf (foursome)	4
Racquetball	10
Jogging (8-minute mile)	15
Skiing (downhill)	8
Tennis (singles)	7
Walking	3

Pain-Killers and Alcohol: Liver Risk

Acetominophen, a pain-killer sold under such trade names as Tylenol and Excedrin, is generally regarded as safe, if not safer than aspirin. In a recent article, the *Journal of the American Medical Association* warns of a potential danger of acetominophen. Both acetominophen and alcohol are metabolized or clinically broken down by the same liver cells. When these liver cells are being used to metabolize acetominophen, they cannot metabolize alcohol at the same time. Unmetabolized alcohol, not properly disposed of, is toxic to the surrounding liver cells and damages or destroys them. There have also been reports of serious kidney damage caused by unmetabolized alcohol in the urine. The article states that the danger of liver damage is increased tenfold when the two drugs are taken together.

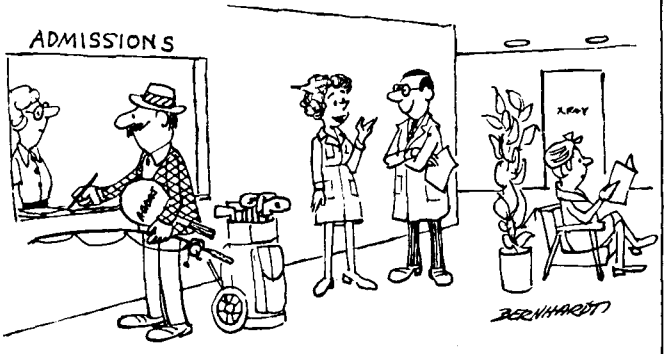
The inventions of head and neck surgeon Dr. Mark Singer and speech pathologist Dr. Eric Blom have improved the lives of laryngeal-cancer patients.

This month's Benjamin Franklin Award goes to Doctors Eric D. Blom and Mark I. Singer for their innovative plastic device that allows laryngectomy patients to speak normally again. Patients from throughout the country are coming to Indianapolis' Methodist Hospital to have the new device implanted, because the FDA has not yet approved it for distribution.

The one-way plastic valve allows patients the freedom to speak without having to place a finger over an opening in the neck. It is expected to be approved very shortly so that it can be sent to surgeons around the country who are anxiously awaiting it. About 60 patients are now wearing the new valve and are quite pleased. As one remarked, "I now can tell my wife I love her and hug her with both arms at the same time."

Over 2,000 patients are already wearing implants of the original Blom-Singer voice prosthesis, an inexpensive device that allows patients who have had their larynx removed to speak normally from the diaphragm rather than in the controlled-burp manner of difficult-to-learn esophageal speech.

Laryngeal cancer will strike an estimated 11,000 Americans this year, and the majority of these victims will require complete removal of the larynx and surrounding cancerous tissue. For these patients, the new valve breakthrough is as important as the Starr valve was to heart patients several years ago.



"Just what exactly did you tell Mr. O'Toole about the hospital to get him to admit himself?"

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Patriots

continued from page 55

the decade of student alienation and dissent, changed Notre Dame from an all-male to a coed institution and quietly made it into one of America's educational showpieces.

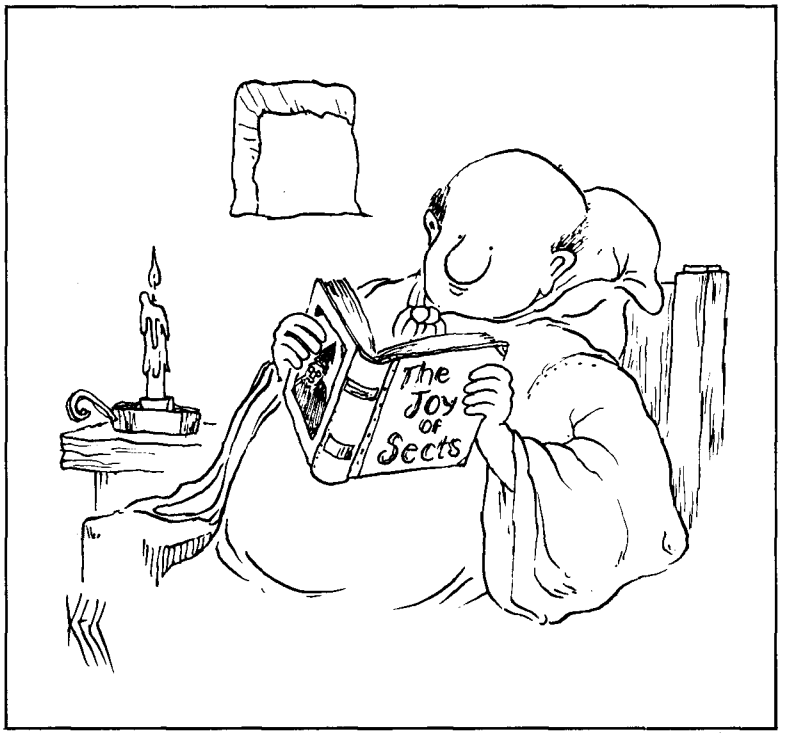
The miracle, perhaps, is not that he has done all this, but that, while doing it, he has maintained such a vigorous role in the broader public arena. He was chairman of the U.S. Commission on Civil Rights, has been a long-time trustee of the Rockefeller Foundation, served on the President's Commission on All-Volunteer Armed Forces, was a delegate to the United Nations Conference on Science and Technology for several years and, in 1981, was named chairman of the Select Commission on Immigration and Refugee Policy. Hesburgh is not merely a name on all those letterheads. He devotes 100 days per year to public-service commitments and travels nearly 100,000 miles away from campus annually. Notre Dame students once tweaked their president for his frequent absences by printing a picture of an empty chair, rather than a presidential portrait, in the school yearbook.

Hesburgh says he didn't mind that gesture, insisting that his off-campus interests, while helping the nation, also benefit Notre Dame. With the school's track record since 1952, who can argue? He retires as president this year and is expected to devote his time almost entirely to civic projects.

While Hesburgh expresses his commitment to America in a constant flurry of civic activity, another famous citizen, in the neighboring state of Ohio, feels he serves his country best by avoiding the public stage. He is Neil Armstrong, the astronaut who first set foot on the moon in 1969 as command pilot of the Apollo 11 space mission. Armstrong was one of four of the original 30 astronauts who was not a military officer when he joined NASA in 1962. He had been a civilian test pilot, flying X15s, and when his space travel ended, he became a professor of engineering at the University of Cincinnati.

When Armstrong and his moonmates returned to Earth, they were instant global celebrities. They made a round-the-world tour for the State Department, visiting 28 cities in 25 countries in 38 days, and were hosted by the Queen of England, the Pope, Marshall Tito, the Kings of Belgium and Norway, Generalissimo Franco, the Shah of Iran, the Emperor of Japan and dozens of other heads of state. Armstrong toured Vietnam soon afterward with Bob Hope, who recalls, "Even the cast and crew looked on him with a kind of awe and wonder—oh, wow, the reception he got! All I had to do was introduce him, and the whole audience would stand up and cheer and cheer and cheer. The shortest standing ovation I clocked was four minutes; the longest was 12!"

But when he left NASA, Armstrong also left public life, feeling strongly that it was his duty to withdraw quietly rather than to commercialize and exploit his space travel. In so doing, he passed up the personal wealth he could have commanded almost automatically. His fellow astronaut Michael Collins explains: "Neil told me once, 'I know I could make a million dollars in personal appearances on the outside, but I just want to be a university professor and do my research.' Neil is not a PR man," Collins says. "He seeks a life of altogether different fabric than that of a huckster. He has great balance and perspective." Love of country calls for different types of behavior from different people in different circumstances. Armstrong met his own unique challenge.



When the honor roll of American patriots, past and present, is called, the list will include a high percentage of immigrants. Those who come to this country from another usually come to love them both and often become America's most ardent cheerleaders. Since 1975, for example, our National Symphony Orchestra has been led by Mstislav Rostropovich, considered by many to be the greatest living cellist and one of the world's leading symphony conductors. Rostropovich was and is Russian to the core, and in the 1950s and '60s was among the most celebrated performers in the Soviet Union. He is the recipient of the USSR State Prize, the Lenin Prize and the coveted title of People's Artist of the USSR. That was before his political discontent became an issue with Soviet authorities. When it did, the cellist abruptly became a nonperson in his native land. The tension between him and the Communist regime was intensified when he sheltered author Alexander Solzhenitsyn at his Moscow *dacha.* Solzhenitsyn was exiled, and a few years later, Rostropovich followed him to the U.S.

Unlike his literary friend, Rostropovich has taken to his adopted land with an enthusiasm that endears him to Americans. He gives himself generously to charities and benefit concerts, jets around the world for cello recitals and still has found time to make his Washington, D.C., orchestra into a top-flight organization. He admits to being homesick for Russia, but exults in the newfound artistic freedom America offers. "At home, Ministry of Culture makes every plan for me," he told a *Time* reporter. "Here I am absolutely free. For artists, that is an incredible feeling. Americans have this sense of freedom. . .and in America I am feeling the same way!"

That freedom to perform where and when one wishes is important not just to musicians, but to athletes as well. Arthur Ashe is a professional tennis player whose decisions about when and where to play have frequently had political overtones. Consistently, he has earned a reputation as one whose love of country takes priority over big purses and personal plans. In a generation plagued with self-indulgent athletes, Ashe is respected as much for his

Continued on page 128

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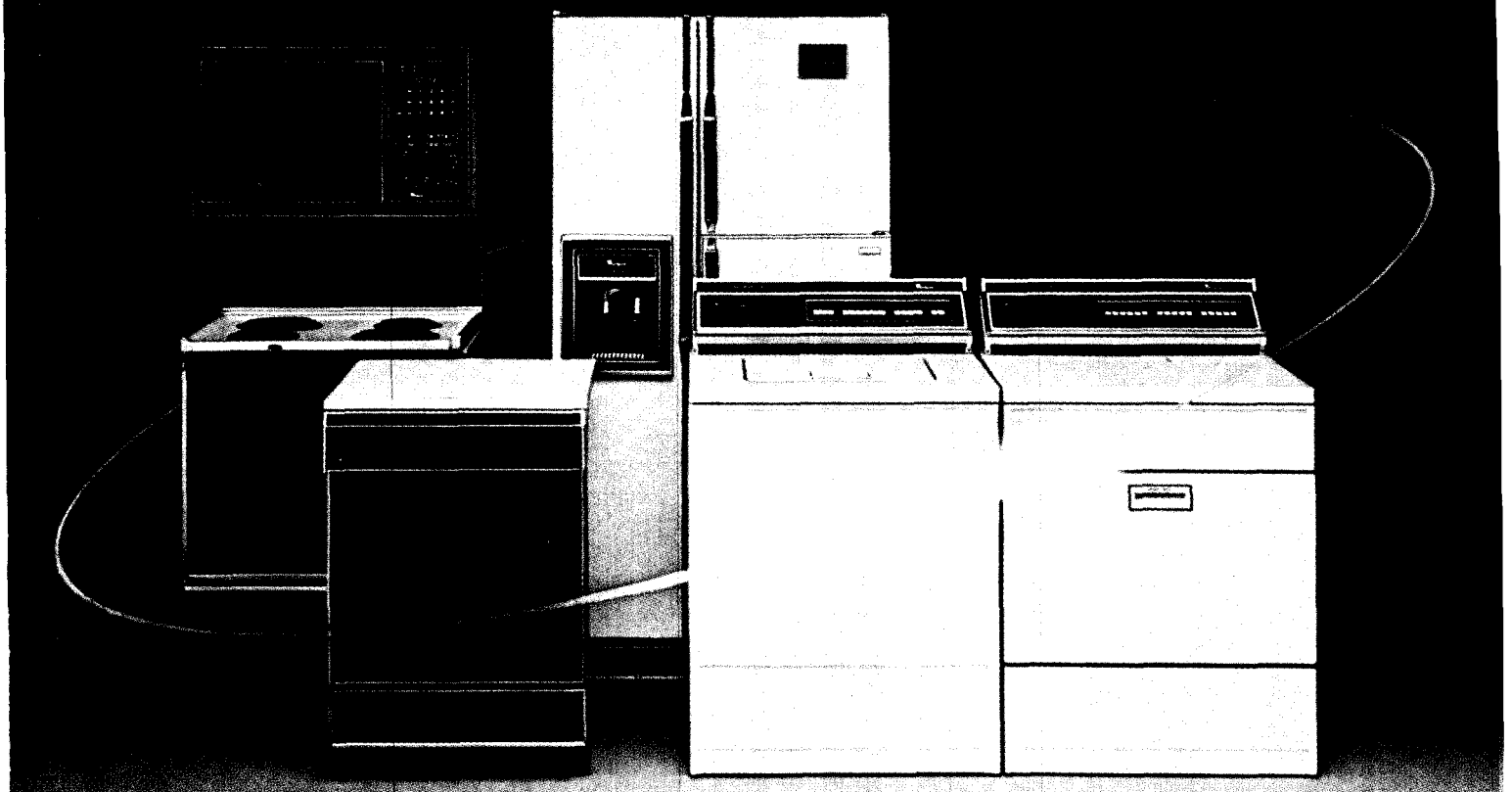
They come with a promise.



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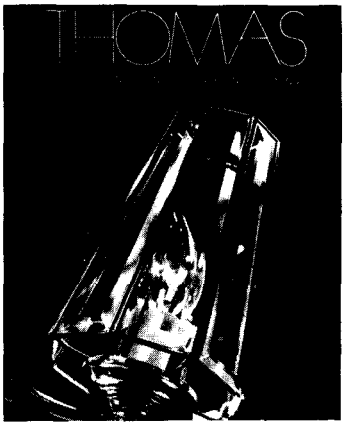

Bright ideas

For the most innovative decorating ideas from the leader in lighting, take one look in the complete, new Thomas book. This 161-page catalog is full of new designs that can help you change the look of any room, simply by changing the lighting. Send $2 for your copy of the stylebook with hundreds of new and imaginative decorating ideas that will brighten up any home. Send your request to Thomas Industries, Inc., Att: SEP Catalog Sales, 207 E. Broadway, Louisville, KY 40232.

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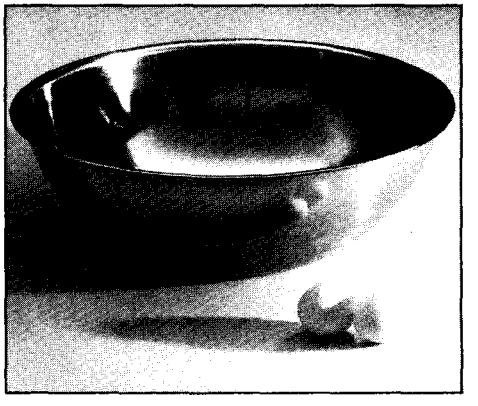
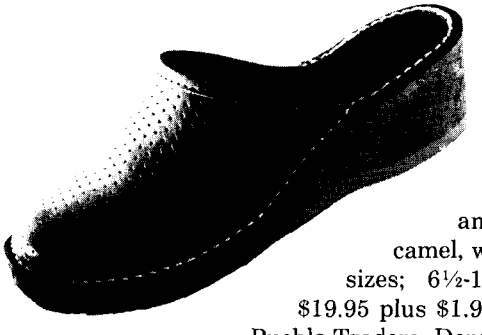
This 13-quart giant is made of polished, heavy-gauge stainless steel and is 16" wide and 6" deep! Really useful for all your big mixing jobs. Great at canning time! Only $9.95 plus $2.75 shpg. Smaller sizes available, too. Write for free catalog. Holst, Inc., Dept. SP-782, 1118 W. Lake, Box 370, Tawas City, MI 48763.



Solvang clog



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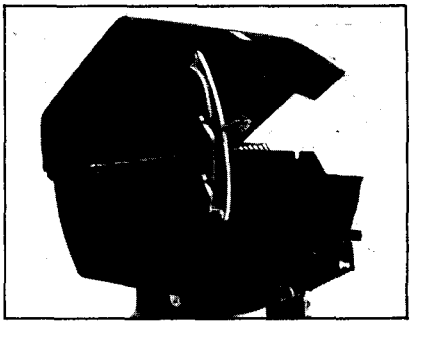

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Now there's a way for you to find out all the information you're looking for on teddy bears—all in the pages of one book. *Teddy Bear Catalog*, now available to collectors and other teddy-bear enthusiasts, is a complete guide that includes prices, care and repair tips—everything you'll ever need to know about teddies. This delightful 224-page catalog is a reference guide people of all ages will enjoy reading. Photographs of over 200 teddies are included. Order your copy of this unique catalog today. Just send $5.95 plus $1 p & h for your *Teddy Bear Catalog* to Bear-In-Mind, Inc., Dept. SP8, 73 Indian Pipe Lane, Concord, MA 01742.

Eva Gabor wigs

Free catalog of the complete line of Eva Gabor wigs for easy mail-order shopping is now available. See these beautiful wigs in 20 flattering styles, 28 natural-looking colors. Eva Gabor wigs are extra lightweight for real comfort. . .and each wig is oh-so-easy to style—a real convenience for those surprise special occasions or important days when you want to look your best. Write: Wigs by Paula, Dept. 812A, Brockton, MA 02403.

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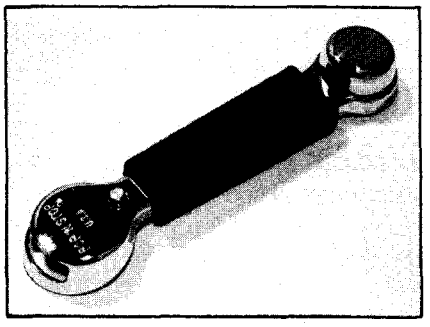

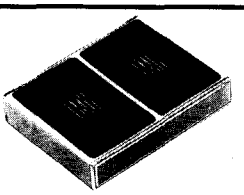

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Patriots

continued from page 124

selflessness as for his tennis.

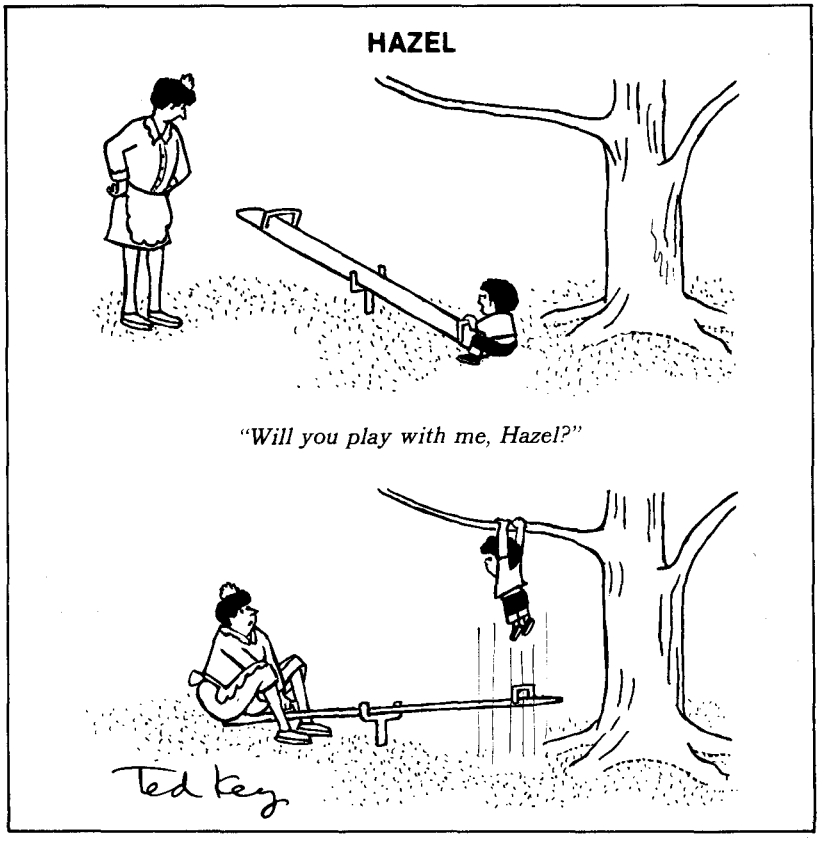
Ashe became a top-ranking tennis player in the mid-1960s. Playing at UCLA in 1965, he won the national collegiate championship in both singles and doubles. He won the U.S. Open in Forest Hills in 1968 and the Wimbledon singles title, the Holy Grail of tennis, in 1975. He was among the world's top ten players for 15 years, before retiring after a heart attack in 1979. But it was as a Davis Cup player that Ashe best demonstrated his principled approach to sports. He first played on America's Davis Cup team in 1963 and throughout his career made it his first loyalty, often passing up more lucrative matches to represent the United States in that international series. He played Davis Cup tennis until 1978, setting an American record for singles victories (27), and often urged his reluctant fellow stars to play for the Davis Cup.

Ashe has always displayed a strong sense of patriotic duty. He went directly into the U.S. Army after college in 1966, when he was the number two ranked player in the country. It was as an Army lieutenant in 1968 that he won the U.S. Open and became the toast of the tennis world. That was the year of the Mexico City Olympics and the black-gloved anti-American protest there by sprinters Tommie Smith and John Carlos. Radical black leader Stokely Carmichael personally called on Ashe to boycott the 1968 Davis Cup competition, but Ashe refused and led the American team to its first championship in five years.

Ashe is a sensitive and thoughtful citizen who can disagree with the policies of the U.S. government while still affirming his love for America. He has denied conventional political labels. He played exhibitions and visited troop hospitals in Vietnam and toured Africa at the request of the State Department. While denouncing publicly the South African government's racist apartheid policy, he brought interracial tennis to that land despite threats and warnings not to go. He has always been his own man.

The patriotism of Arthur Ashe, like that of Rich DeVos and others, is not a passive, sentimental emotion. It consists of a tough loyalty to America and a will to express that loyalty when and how it counts. In too many quarters, patriotism is viewed as a relic of a long-past, less-complicated period of our national life. Not so, say a multitude of modern Americans like DeVos. This country is still worth beating the drum for, they say, and they intend to keep at it.

A bright young Congressman from suburban Philadelphia, Jim Coyne, has seen the DeVos brand of Americanism at work and is impressed with what it can accomplish. "DeVos is the kind of guy," he says, "who shows that being patriotic is not old-fashioned. He has a young, aggressive, modern patriotism. It's the kind of feeling about America that will get us into the 21st century. When you watch a guy like DeVos bring together all that talent and energy, you realize that patriotism like his will never grow old."



Chariots

continued from page 19

1945.

Abraham's running career ended, not long after Liddell's, as a result of a broken leg suffered in the 1925 Amateur Athletic Association Championships. While no longer able to actively compete, Abrahams nevertheless remained involved in sports for the remainder of his life, serving on both the British Athletic Board and the Amateur Athletic Association. In addition to his career as a lawyer, he also was employed part-time as a sports correspondent for the *Sunday Times* for many years and as a popular radio sports commentator for the BBC, until his death in 1978.

An interesting footnote to the success story of *Chariots of Fire* is that, after it was completed, 20th-Century Fox—one of the major investors in the $5.6 million film—felt that it was not commercial enough and, therefore, would have no market value in the United States and Canada. The studio sold its rights to market *Chariots* in North America to Warner Brothers, which in turn, because of the movie's religious nature, contracted California-based Inspirational Films—a promoter of religious films—to help generate interest among church leaders and groups in the U.S. and Canada.

Inspirational Films managed to do just that, by distributing discount tickets to churches, schools and youth groups. Said Ken Bliss, president of Inspirational Films, of the film's ultimate success, "The time was right for a film that confronted the serious issues of moral choice and spiritual commitment. Audiences have shown that they're ready to investigate the realities of faith as it relates to daily life."

At this writing, *Chariots of Fire* is still playing to packed movie houses across America, and, says Paul Palmeri, a regional director of Inspirational Films who assisted in the promotion efforts of *Chariots*, "Of the many films I have promoted, I have never worked on a more magnificent film than *Chariots of Fire*."

Palmeri admits he never expected *Chariots* to win four Academy Awards (Best Picture, Best Original Screenplay, Best Original Score, Best Costume Design), although he thinks it deserved them. "This film shows that there is a marketplace for these kinds of films."

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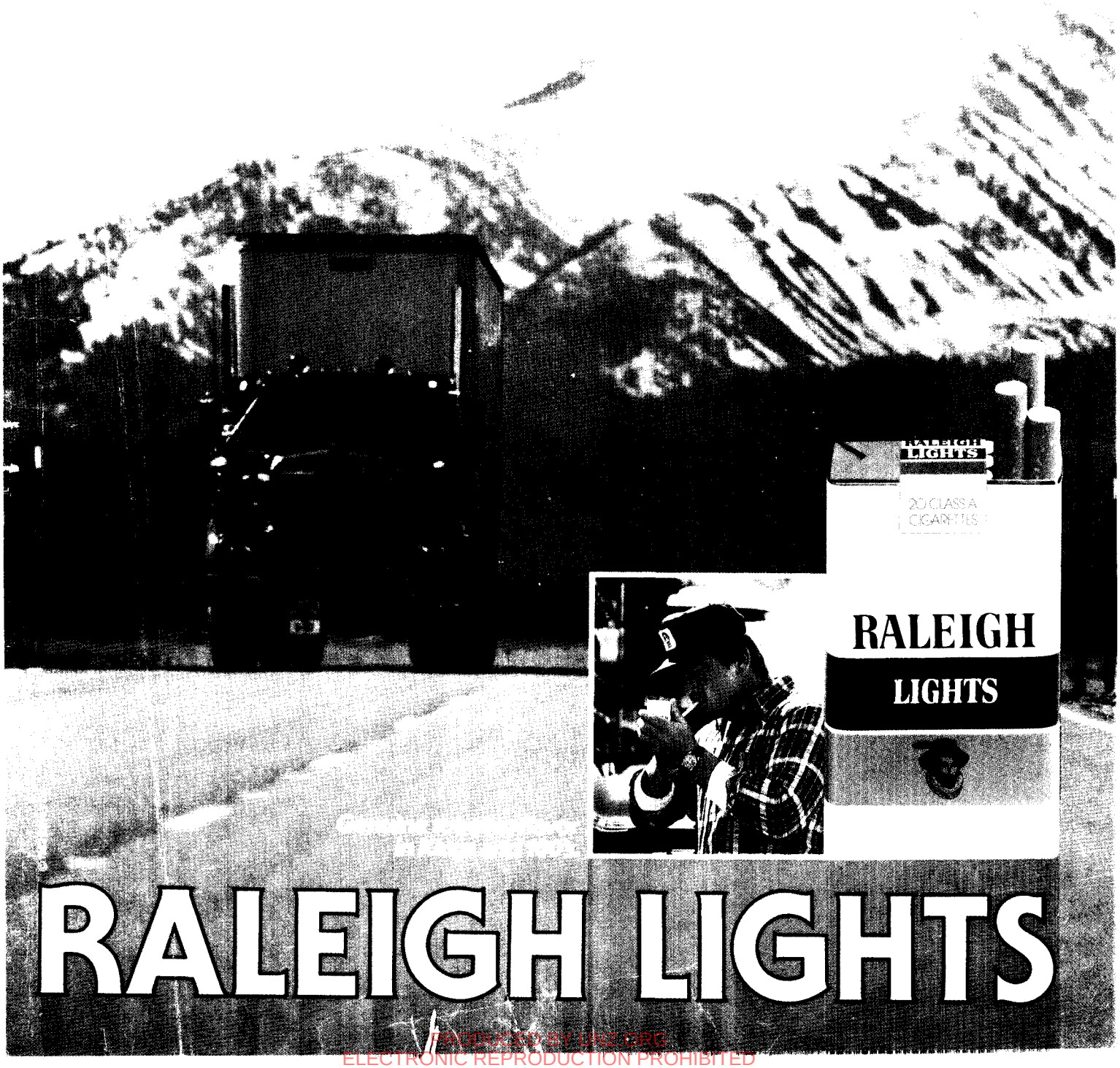

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Crunchy Ham Salad on the Half Shell

1 can (6¾ oz.) Hormel Chunk Ham, flaked with fork
3 cups cubed tart apples (unpeeled)
½ cup sliced celery
½ cup chopped walnuts or pecans
3 California Avocados, halved, pitted and peeled
lettuce leaves

Creamy Sweet 'n Sour Dressing

½ cup Mayonnaise
2 Tbs. white vinegar
4 tsp. sugar
¼ tsp. garlic salt

Place ham into large mixing bowl. Add apples, celery and nuts. In small mixing bowl make dressing by stirring together mayonnaise, vinegar, sugar, and garlic salt. Fill avocado halves equally with ham mixture, place each on lettuce lined plate and top with dressing. Makes 6 servings.

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